

AD-A100 704

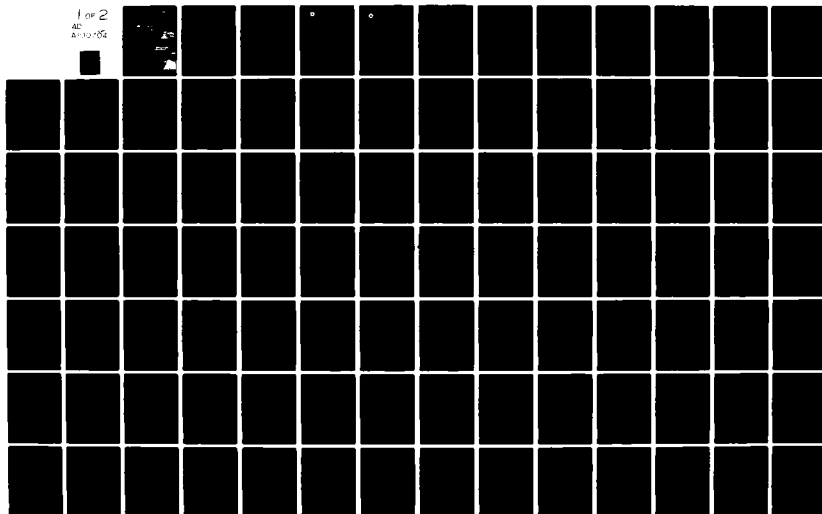
FEDERAL AVIATION ADMINISTRATION WASHINGTON DC ASSOCIA--ETC F/6 1/5  
OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970--ETC(U)  
1980 V J MARTIN  
FAA-ARP-81-1

UNCLASSIFIED

NL

1 of 2

AD  
A100704





U.S. Department  
of Transportation  
Federal Aviation  
Administration

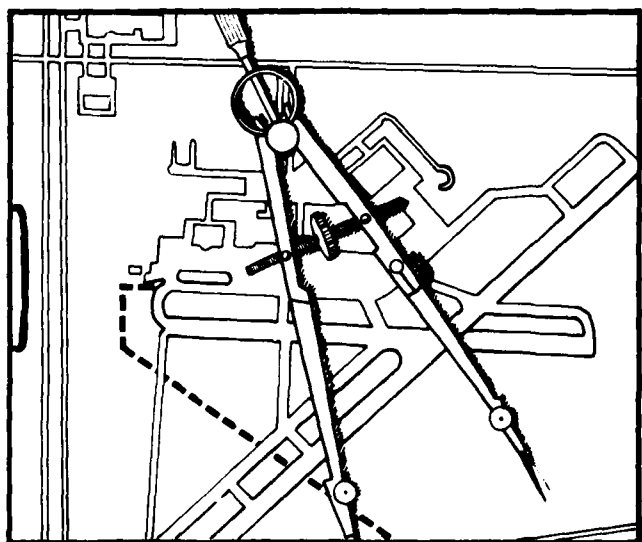
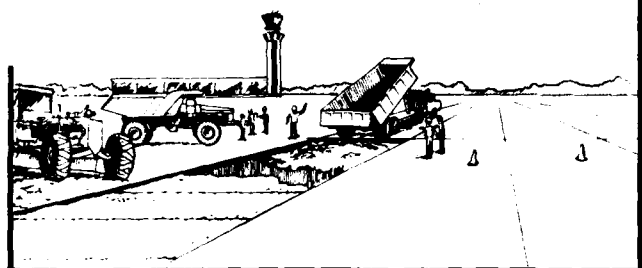
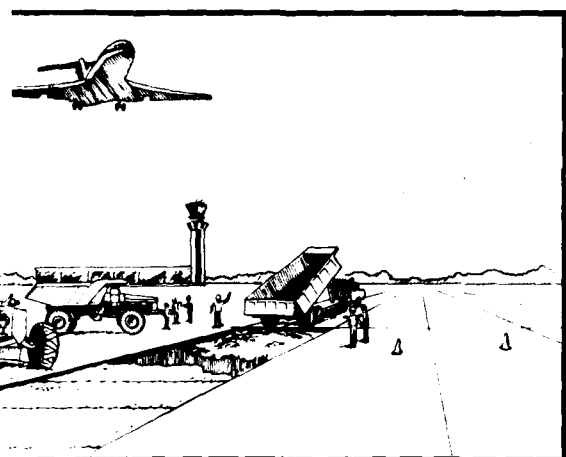
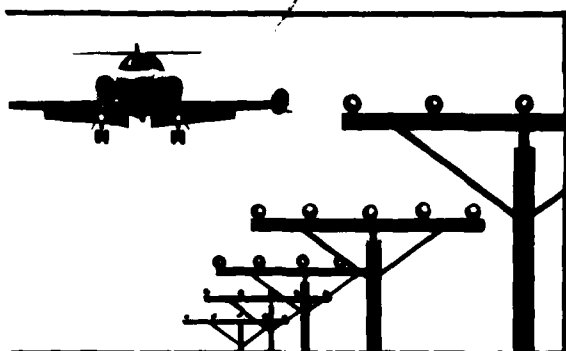
14  
FAA-ARP-81-1

9 Rept. on 11 (annual)  
for period ending 30  
Fiscal year 1980 80

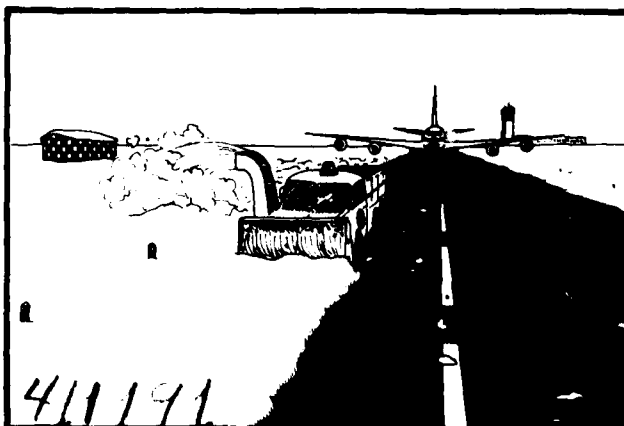
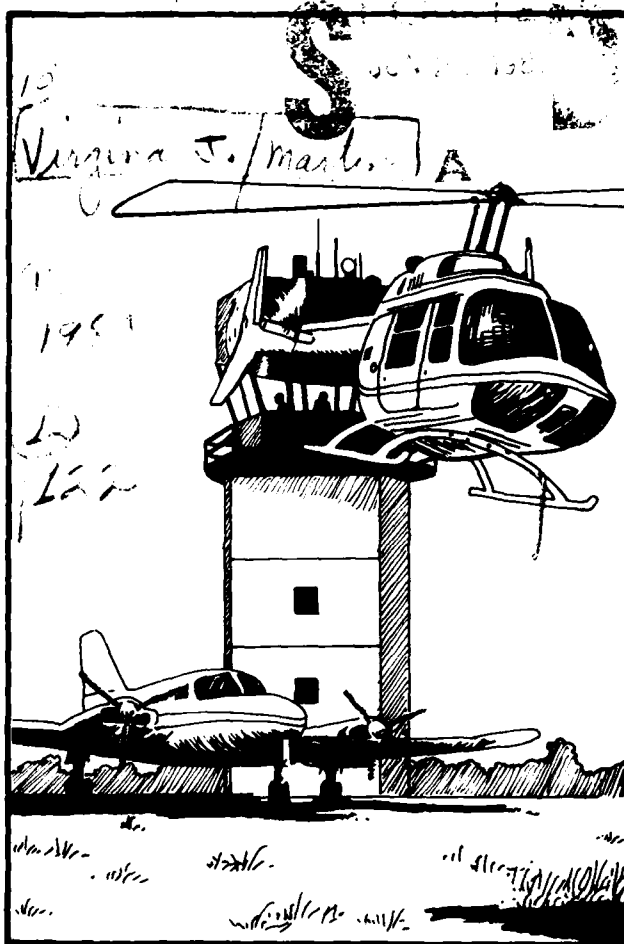
# Eleventh Annual Report of Operations

Under the Airport and  
Airway Development Act

AD A100704



DTIC FILE COPY



411191

1. Report No. FAA-ARP-81-1	2. Government Accession No. AD-P100 104	3. Recipient's Catalog No.
4. Title and Subtitle Eleventh Annual Report of Operations Under the Airport and Airway Development Act	5. Report Date 1980	6. Performing Organization Code ARP-11
7. Author(s) Virginia J. Martin	8. Performing Organization Report No. ARP-81-1	9. Performing Organization Name and Address Federal Aviation Administration Office of Associate Administrator for Airports 800 Independence Avenue, S. W. Washington, D. C. 20591
10. Sponsoring Agency Name and Address	11. Work Unit No. (TRAIS)	12. Contract or Grant No.
13. Supplementary Notes	14. Type of Report and Period Covered Annual Report - Covers Fiscal Year Ended September 30, 1980	15. Sponsoring Agency Code
16. Abstract Section 24 of the Airport and Airway Development Act of 1970 (P. L. 91-258) requires that the Secretary, Department of Transportation, submit an annual report to Congress of operations under Part II of the Act for the preceding fiscal year. This report covers operations for the fiscal year ending September 30, 1980.		
17. Key Words Report of Operations Airport and Airway Development Act	18. Distribution Statement Availability unlimited. Document may be released to the National Technical Information Service, Springfield, Va., 21151 for sale to the public.	
19. Security Classif. (of this report) Unclassified	20. Security Classif. (of this page) Unclassified	21. No. of Pages 121
22. Price		

ELEVENTH ANNUAL REPORT OF OPERATIONS

UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970 AS  
AMENDED IN 1971, AND FURTHER AMENDED BY THE AIRPORT  
DEVELOPMENT ACCELERATION ACT OF 1973, THE AIRPORT  
AND AIRWAY DEVELOPMENT ACT AMENDMENTS OF 1976  
AND THE AVIATION SAFETY AND NOISE ABATEMENT  
ACT OF 1979

(PUBLIC LAW 91-258, 91st CONGRESS, APPROVED MAY 21, 1970)  
(PUBLIC LAW 92-174, 92nd CONGRESS, APPROVED NOVEMBER 27, 1971)  
(PUBLIC LAW 93-44, 93rd CONGRESS, APPROVED JUNE 18, 1973)  
(PUBLIC LAW 94-353, 94th CONGRESS, APPROVED JULY 12, 1976)  
(PUBLIC LAW 96-193, 96th CONGRESS, APPROVED FEBRUARY 18, 1980)

FISCAL YEAR ENDED SEPTEMBER 30, 1980

DEPARTMENT OF TRANSPORTATION  
Federal Aviation Administration



THE SECRETARY OF TRANSPORTATION  
WASHINGTON, D.C. 20590

MAY 7 1981

The Honorable George Bush  
President of the Senate  
Washington, D.C. 20510

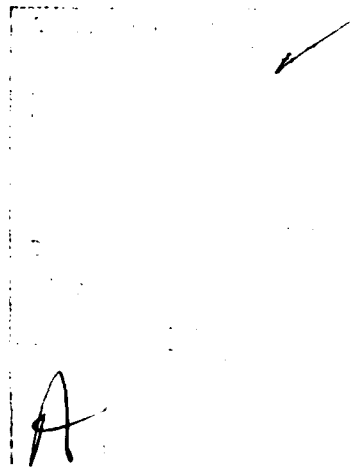
Dear Mr. President:

I am pleased to transmit to you the Eleventh Annual Report of  
Operations under the Airport and Airway Development Act of 1970  
as required by Section 24 of the Act.

Sincerely,

A handwritten signature in cursive script, reading "Drew Lewis", is positioned below the word "Sincerely,".

Enclosure





THE SECRETARY OF TRANSPORTATION  
WASHINGTON, D.C. 20590

MAY 7 1981

The Honorable Thomas P. O'Neill, Jr.  
Speaker of the House of  
Representatives  
Washington, D.C. 20515

Dear Mr. Speaker:

I am pleased to transmit to you the Eleventh Annual Report of  
Operations under the Airport and Airway Development Act of 1970  
as required by Section 24 of the Act.

Sincerely,

A handwritten signature in cursive script, reading "Drew Lewis", is positioned below the word "Sincerely,".

Enclosure

## TABLE OF CONTENTS

Introduction . . . . .	1
The Airports Program . . . . .	2
Airport Planning . . . . .	4
National Airport System Plan (NASP) . . . . .	4
Environmental Considerations. . . . .	6-7
Energy Conservation Requirements. . . . .	8
Planning Grant Program (PGP). . . . .	10-11
Airport Development Aid Program (ADAP) . . . . .	13-19
Proposed Legislation. . . . .	13
Primary Goals . . . . .	16
Statutory Criteria. . . . .	16-17
Program Criteria. . . . .	18
Implementation. . . . .	18
ADAP Apportionments . . . . .	18
Development Grant Activity. . . . .	18-19
State Standards Program . . . . .	19
Equal Opportunity Requirements . . . . .	20-21

### CHARTS:

History of Airports Program Functions FY 1947 - 1980. . . . .	3
National Airport System Growth. . . . .	5
Planning & Development Grant-in-Aid Programs FY 1947 - 1980 . . . . .	9
PGP Funding and Performance . . . . .	12
Distribution of Contract Authority for Air Carrier/Commuter Funds (ADAP). . . . .	14
Distribution of Contract Authority for General Aviation/Reliever Funds (ADAP). . . . .	15
Distribution of ADAP Funds. . . . .	22
Airports Program Cycle. . . . .	23
ADAP Funding and Performance. . . . .	24
Key Provisions of Airport and Airway Development Act Amendments of 1976. . . . .	25-30

Appendix A.	Planning Grant Program (PGP) - Projects Placed Under Grant Agreement by State - FY 1980 . . . . .	31-33
Appendix B.	Planning Grant Program - Projects Placed Under Grant Agreement - FY 1980. . . . .	34-53
Appendix C.	Summary Distribution of Fund Authorization - FY 1980 . . . . .	54
Appendix D.	Airport Development Aid Program - Grant Agreements by State - FY 1980 . . . . .	55-57
Appendix E.	Airports Grant-in-Aid Program - Projects Placed Under Grant Agreement - FY 1980. . . . .	58-112
Appendix F.	Airport Development Aid Program - Air Carrier - Status from Inception through September 30, 1980 . . . . .	113-114
Appendix G.	Airport Development Aid Program - General Aviation - Status from Inception through September 30, 1980 . . . . .	115-116

Distribution: A-W-1 (minus RP/AS/PP/GC); A-W (RP/AS/PP)-3;  
A-W(GC)-2; A-X-1(minus AS); A-X(AS)-2; ZMS-411;  
A-FAS-1 (LTD); External

ELEVENTH ANNUAL REPORT OF OPERATIONS UNDER THE  
AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970, AS AMENDED

Section 24 of the Airport and Airway Development Act of 1970 (Public Law 91-258) requires that the Secretary, Department of Transportation, submit an annual report to Congress of operations under Part II of the Act for the preceding fiscal year. This report covers operations for the fiscal year ending September 30, 1980.

INTRODUCTION

With the enactment of the Airport and Airway Development Act of 1970 (P.L. 91-258) the Nation moved toward improving the efficiency and safety of the airport and airway system. Reflecting the role of aviation in the economy and the benefits derived from safe and efficient operation, that statute (1) found the airport and airway system inadequate to meet the requirements of the then current and projected growth in aviation, (2) declared substantial expansion and improvement was required to meet the demands of interstate commerce, the postal service, and national defense, and (3) established an expanded program of Federal matching grants to sponsors of airports serving commercial and general aviation. Moreover, the Act established a system of user taxes paid into a trust fund to provide an assured, long-term source of funding.

The Act had been amended four times as of the end of Fiscal Year 1980. It was amended in 1971 (P.L. 92-174) to incorporate provisions involving the use, preservation, and priority for expenditure of funds from the Trust Fund. The Airport Development Acceleration Act of 1973 (P.L. 93-44) made further amendments to the 1970 Act, increasing annual authorizations for fiscal years 1974 and 1975 and increasing the Federal contribution for grants at most airports. The Airport and Airway Development Act Amendments of 1976 (P.L. 94-353) approved July 12, 1976, made several major changes to the Act, affecting among other things project eligibility, increased overall funding levels, distribution of funds, the project approval process, and the percentage of the Federal contribution for most projects. The amendments also included an extension of the planning grant program and revisions to the National Airport System Plan. Further amendments to funding levels and an increased emphasis on projects to reduce noise impacts of airports were effective upon enactment on February 18, 1980, of the Aviation Safety and Noise Abatement Act of 1979 (P.L. 96-193).



## THE AIRPORTS PROGRAM

The Airports Program covers among other things, the identification, planning, and development of the Nation's system of public airports to serve the needs of civil aviation in the fifty states, Guam, Puerto Rico, American Samoa, the Trust Territory of the Pacific Islands, and the Virgin Islands.

It is based primarily on provisions of the Airport and Airway Development Act of 1970 as amended. This law provides legislative recognition of an important national need for improvement in the national airport and airway system. Airport system improvements aimed at increased system capacity and the accommodation of higher performance aircraft has been the goal of the Airports Program. Federal involvement is designed to assist municipalities and other public agencies that own and operate the civil airports of this country in funding airport planning and development that will (1) help assure environmental acceptability and (2) provide for increased safety in airport operations.

Principal activities in this program include: preparation of a National Airport System Plan and other airports planning activities; administration of a program of grants-in-aid for airport planning and airport development; preparation of airport engineering, operations and safety standards; inspection of airports for safety of operations; participation in transfers of Federal land and property for civil airport use; collection of field data for the airport data program; verification that public agencies receiving Federal assistance continue to operate their airports for the benefit of the public in accordance with their agreements; administration of a general aviation grant state demonstration program; and promotion of airport noise compatibility planning and actions to implement the resultant plans.

AVIATION SAFETY AND NOISE ABATEMENT EMPHASIS	
SPECIAL STUDIES	
DEMO. PROGRAMS	
AIRPORT DEVELOPMENT GRANTS	AIRPORT PLANNING GRANTS MASTER PLANS SYSTEM PLANS
	AC AIRPORT CERTIFICATION
	RELOCATION ASSISTANCE
	ENVIRON. PROCESS EIS's FONSI's
	(FAAP) → AIRCRAFT OPERATIONAL AREA PLUS SAFETY EQUIPMENT
	(ADAP) → TERMINAL AREA
AIRPORT DEVELOPMENT GRANTS	
AIRPORT SYSTEM PLANNING	ALP APPROVAL / AIRSPACE REVIEW / COORDINATION / SITE SELECTION "NATIONAL AIRPORT PLAN"
AIRPORT DESIGN AND CONSTRUCTION STANDARDS	STANDARDS FORMULATION AND APPLICATION ADVISORY SERVICES AND TECHNICAL ASSISTANCE
NATIONAL AIRPORT MASTER RECORDS DATA SYSTEM	

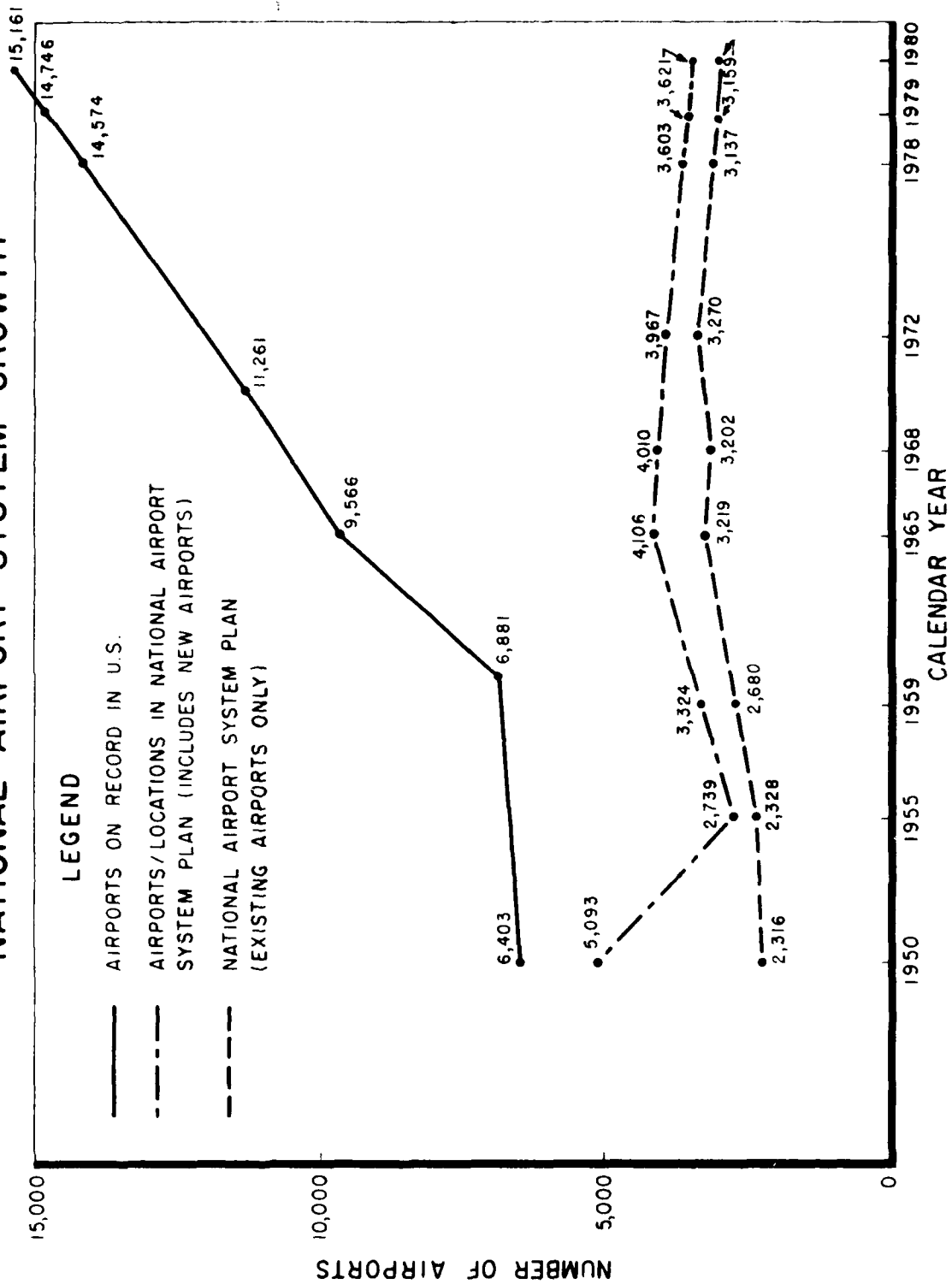
[illegible]

## AIRPORT PLANNING

National Airport System Plan (NASP). The Airport and Airway Development Act of 1970, as amended, requires the Secretary of Transportation to prepare a ten-year National Airport System Plan for the development of public airports in the U.S. adequate for the needs of civil aeronautics, the requirements of national defense, and the special needs of the Postal Service. In developing the plan, the Secretary is directed to give due consideration to the relationship of each airport to local transportation systems, forecast technological developments in aeronautics, other modes of intercity transportation, and factors affecting the quality of the national environment. Prepared by FAA, the first edition of the NASP covering the years 1972 through 1982 was submitted to Congress in June 1973 and released to the public in September 1973. A revised NASP, 1978-1987, was delivered to Congress in January 1978. A statistical revision, dated 1980-1989, was published in August 1980. The NASP is kept current, between major editions, by continuing revisions to a computer-stored data bank. Many of the revisions include the findings of airport master and system plans funded under the Planning Grant Program (PGP).

The current NASP includes about 3,600 locations, for which a total of \$12.7 billion in airport development needs is identified for the ten-year period.

# NATIONAL AIRPORT SYSTEM GROWTH



## ENVIRONMENTAL CONSIDERATIONS

The Federal Aviation Administration (FAA) considers and weighs environmental values in evaluating proposed Federal actions relating to airports. Federal actions of potential environmental concern include: (1) adoption of the National Airport System Plan, (2) approval of an airport location, (3) approval of a new or revised airport layout plan, (4) approval of funding for airport development, (5) requests for conveyance of government land for airport purposes, and (6) approval of the release of airport land.

FAA Airports Program procedures identify types of actions which require an environmental assessment and consultation process. This process provides the FAA, other agencies, and members of the public with an understanding of the potential environmental impacts of a proposed action. Section 102(2)(C) of the National Environmental Policy Act of 1969 (NEPA) requires an environmental impact statement when an action would produce a significant impact on the environment; otherwise, a finding of no significant impact is prepared. Special consideration and findings have been required under section 16(c)(4) of the Airport and Airway Development Act of 1970, as amended (Airport Act), for projects involving airport location, runway location, or major runway extensions. Other laws have particular requirements relative to specialized concerns such as air quality, water quality, public recreational lands, historic and archeological sites, endangered species, coastal zones, wetlands, and floodplains.

Initial review of proposed Federal airport actions identifies the extent of environmental study and coordination required. If an action is not in a category requiring environmental assessment and does not have the potential, either individually or through cumulative effects, of significantly affecting the environment, it is categorically excluded from environmental processing. As experience has been gained in the environmental field, FAA procedures have categorically excluded more and more projects from environmental processing.

In Fiscal Year 1980, 5 Federal airport actions were environmentally approved through environmental impact statements prepared pursuant to NEPA, and 54 actions were approved through findings of no significant impact under section 16(c)(4) of the Airport Act. The majority of actions had no measurable impact and were categorically excluded from further environmental review.

On November 29, 1978, the Council on Environmental Quality published its final regulations establishing uniform Federal procedures for implementing the procedural provisions of NEPA. These regulations prompted the preparation of new implementing procedures by each Federal agency to fit its own programs. The Airports Program's implementing procedures are contained in Appendix 6 of FAA Order 1050.1C, Policies and Procedures for Considering Environmental Impacts. Additional, more detailed guidance on how to assess environmental impacts and prepare environmental documents was published separately in Order 5050.4, Airport Environmental Handbook, in March 1980.

The Airports Program procedures and detailed guidance incorporate three major new directions. One is the revision of the environmental assessment document to

streamline it and make it usable as the key mechanism for determining whether any potential impacts appear significant enough to warrant further study and to require the preparation of an environmental impact statement. To help accomplish this, the second major effort has been the development of thresholds of significance for each category of impact. When the analysis required in the environmental assessment shows that a particular threshold (of noise, for example) would not be exceeded by the proposed action, no further analysis of that impact is required. If no categories of impact exceed their thresholds of significance, the FAA will prepare a brief finding of no significant impact. When certain thresholds are exceeded and an environmental impact statement is required for the proposed action, further detailed study will be performed only on those impacts with significant implications. The third major thrust of the new guidance has been to integrate all other special purpose environmental laws and requirements (e.g., endangered species legislation, coastal zone management programs, executive orders on wetlands and floodplains) with the NEPA procedures to achieve the Department of Transportation's objective of one-step environmental processing for Federal actions.

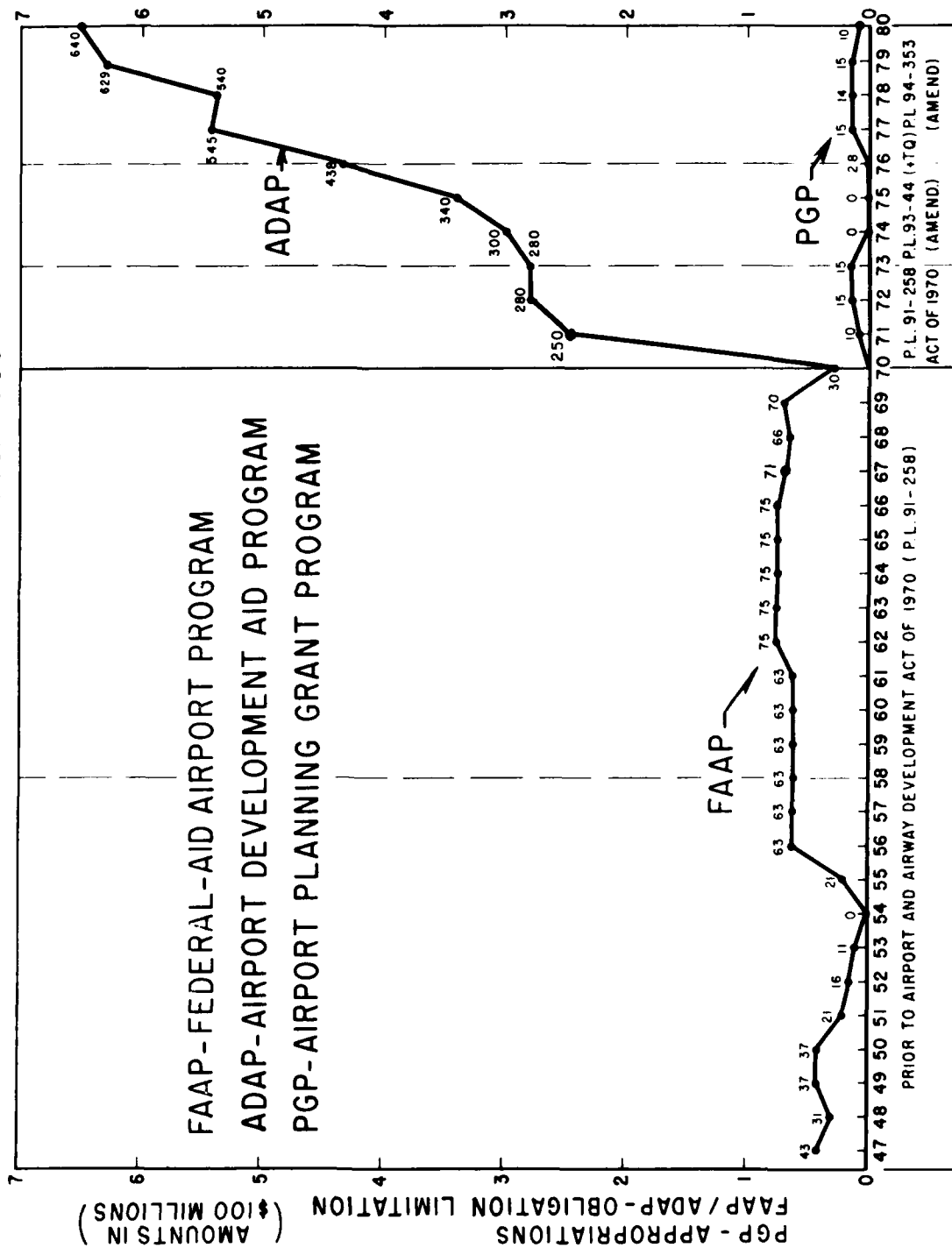
### ENERGY CONSERVATION REQUIREMENTS

On August 29, 1980, DOT issued a final rule implementing Executive Order 12185, Conservation of Petroleum and Natural Gas in 14 CFR Part 152, Subpart G. That Executive Order, which implements section 403(b) of the Powerplant and Industrial Fuel Use Act of 1979 (P.L. 95-620), requires Federal agencies which administer programs of financial assistance to take actions which maximize the efficient use of energy and conserve petroleum and natural gas in programs funded by those agencies.

The regulation requires that each sponsor perform an energy assessment (as defined by the rule) for each Federally-assisted building construction or major building modification which will exceed \$200,000 in construction cost. The building design, construction, and operation shall incorporate, to the extent consistent with good engineering practice, the most cost-effective energy conservation features identified in the energy assessment. Furthermore, each sponsor shall require fuel and energy conservation practices in the operation and maintenance of the airport and shall encourage airport tenants to use these practices. The FAA is developing technical guidance which will be available in the spring of 1981 to help airport operators comply with this regulation.

## PLANNING & DEVELOPMENT GRANT-IN-AID PROGRAMS

FISCAL YEARS 1947 THROUGH 1980





### PLANNING GRANT PROGRAM (PGP)

The Airport and Airway Development Act of 1970, as amended, authorized the Federal Aviation Administration (FAA) (through delegation from the Secretary of Transportation) to make grants to planning and public agencies for preparation of airport system and master plans respectively. The program was designed to promote the effective location and development of publicly owned airports and to develop a national airport system plan.

System plans are developed by a state or areawide planning agency to formulate air transportation policy, determine airport facility requirements needed to meet forecast demands, and to establish the framework for detailed airport master planning. Airport master plans, which are developed by the airport owner, focus on the nature and extent of development required to meet the future aeronautical demand at a particular facility over a 20-year period.

Since the inception of this program in fiscal year 1971, 2,035 planning grants have been issued totalling \$96.8 million. Of these, 1,829 were for master plans and the remaining 206 were for system planning projects. Included in the latter were the initiation of state system plans for the Commonwealth of Puerto Rico, the Trust Territory of the Pacific Islands, and all states except Alaska, Arkansas, Connecticut, Mississippi, and Nebraska.

When the program first began, the Federal Government provided up to two-thirds of the cost of planning grant projects. However, amendments to the Airport and Airway Development Act increased the Federal share of planning projects to 75 percent of the cost of airport system plans, 90 percent for master plans at general aviation airports and 75 to 90 percent for master plans at air carrier airports depending upon the number of passengers enplaned. The rate for master plans was higher in a few states with large areas of publicly owned land.

During fiscal year 1980, \$10,396,397 was obligated through the PGP for 165 projects. Discounting recoveries from closeouts of prior year grants, the net obligations for fiscal year 1980 totalled \$9,999,997. This amount exhausted all but a few dollars of available program funds. Twenty-five of the 165 projects (\$2,125,424 in PGP funds) were for airport system planning. The remaining 140 projects were for airport master plans at 56 air carrier/commuter (\$4,868,462) and 84 general aviation/reliever (\$3,402,511) locations. A detailed breakdown by location of the grants is shown in Appendices A and B.

Emphasis in airport planning and development is placed upon maintaining the ability of the airport system to accommodate projected aviation demand. A critical issue affecting the existing system is the annoyance caused by noise from aircraft taking off and landing at airports. To assist airport owners in examining the effects of aircraft noise on a community and in developing mitigation measures, the Department of Transportation

established a program to encourage the development of airport noise control and land use compatibility (ANCLUC) plans as part of PGP funded master plans. During fiscal year 1980, grants totalling \$791,641 were issued to 16 airports for such planning. This, when added to grants issued in fiscal years 1977 through 1979 results in a total of 54 airports that are participating in the program. This aspect of the airport planning process has helped to establish a forum for dialogue between airport operators, users, and citizens in noise impacted jurisdictions. Because this program has been considered beneficial, the eligible airport sponsors with noise problems were able to incorporate noise planning into their overall master planning.

Another noteworthy accomplishment during the year was the issuance of 14 grants totalling \$1,147,115 in PGP funds for continuous airport system planning. The objective of continuous planning is to insure that existing system plans remain responsive to the air transportation needs of the area. To accomplish this objective, grants are given to responsible planning agencies to continuously monitor aviation activity and update, as necessary, the appropriate sections of the system plans. This has proven to be an efficient way to keep system plans current and contributed to the strengthening of the aviation expertise of state and metropolitan area planning organizations. System plans that are not maintained through continuous planning usually have a five-year life.

# PGP FUNDING AND PERFORMANCE

(IN MILLIONS)

<u>FISCAL YR</u>	<u>APPROPRIATION</u>	<u>NET OBLIGATIONS *</u>	<u>GRANTS ISSUED</u>	<u>CARRYOVER</u>
1971	10.0	3.6	42	6.4
1972	15.0	9.0	180	12.4
1973	15.0	9.6	275	17.8
1974	.0	8.2	277	9.6
1975	.0	9.6	286	9.6
1976	2.8	2.3	71	.5
TQ	15.0	3.7	51	11.8
1977	.0	11.8	205	.0
1978	14.0	14.0	242	.0
1979	15.0	15.0	241	.0
1980	10.0	10.0	165	.0
TOTAL	96.8	96.8	2035	.0

\* NET OBLIGATIONS EQUAL NEW GRANTS MINUS RECOVERIES FROM THE CLOSEOUT OF EXISTING GRANTS

### AIRPORT DEVELOPMENT AID PROGRAM (ADAP)

Section 14 of the Airport and Airway Development Act of 1970, as amended, authorized the Secretary of Transportation to make airport development grants in order to bring about, in conformity with the National Airport System Plan (NASP), the establishment of a nationwide system of public airports adequate to meet the present and future needs of civil aeronautics. The Airport and Airway Development Act Amendments of 1976 (P.L. 94-353), enacted on July 12, 1976, amended funding levels and added several new eligible items of development. Further amendments to funding levels and an increased emphasis on projects to reduce noise impacts of airports were effective upon enactment on February 18, 1980, of the Aviation Safety and Noise Abatement Act of 1979 (P.L. 96-193).

The 1976 Amendments raised the annual program level from \$310 million, established in 1973, to a range of \$500 million to \$610 million over the five-year period through fiscal year 1980. The Aviation Safety and Noise Abatement Act of 1979 further increased the final year of the program to \$667 million. These amendments provided \$435 to \$569 million annually for airports serving all segments of aviation including a category of air carrier airports identified as commuter, and \$65 to \$95 million annually for general aviation airports, including airports that relieve congestion at high density locations. (Charts on following pages show the percentage distribution of the annual contract authority.) The 1976 and 1980 amendments also revised the percentage of Federal participation in eligible airport development upward from previous levels of 50 and 75 percent. ADAP participation at all except the busiest airports was 90 percent through September 30, 1978, dropped to 80 percent for fiscal year 1979, then increased to 90 percent again for 1980. Air carrier airports, other than commuter airports, whose total annual passenger enplanements are one-quarter of one percent or more of the total annual passenger enplanements of all such airports received Federal participation at 75 percent. There were slight upward adjustments in states containing a high percentage of public land.

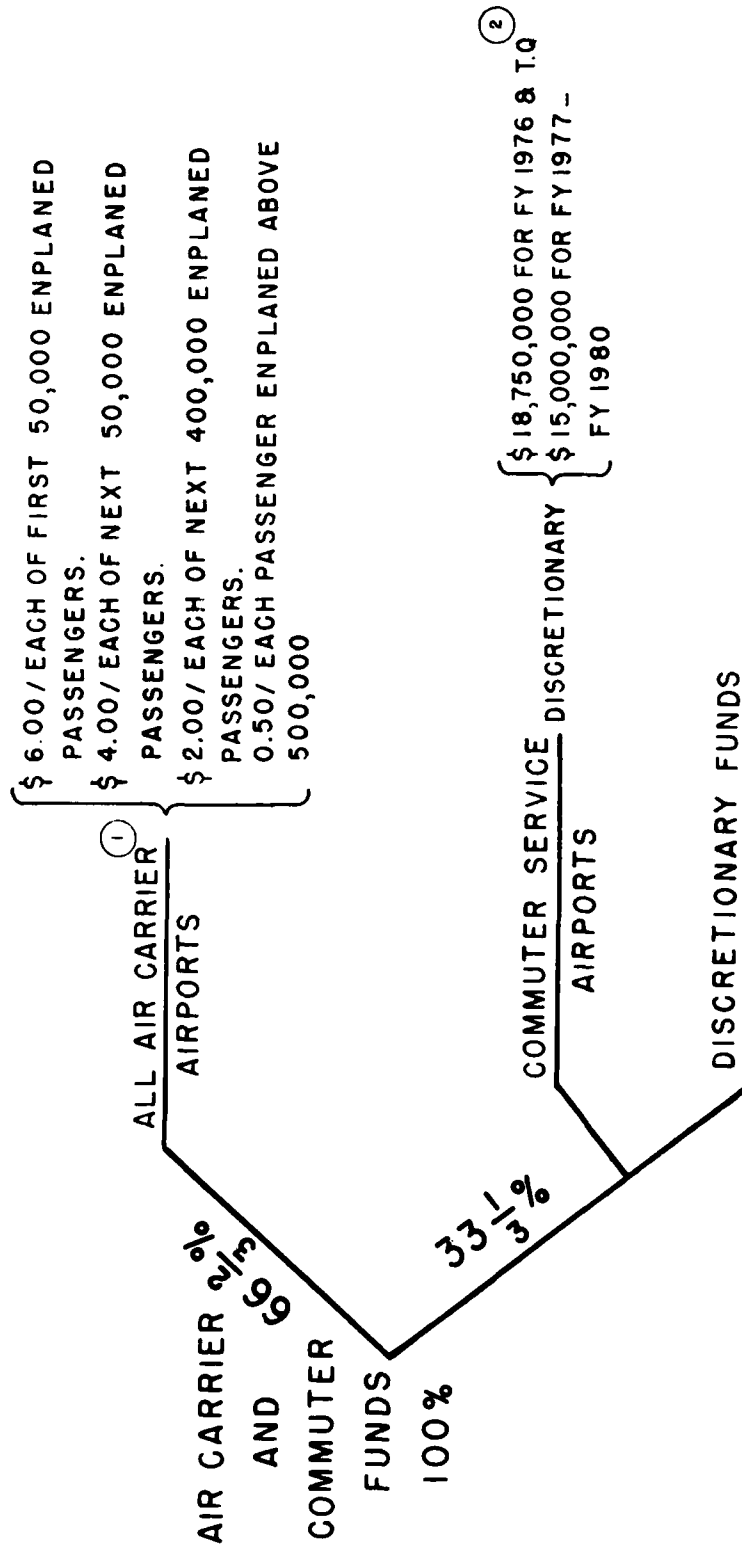
The 1976 Amendments permitted certifications to be accepted from sponsors indicating that they would comply with all program statutory and administrative requirements. They also allowed for multi-year grants for ADAP projects extending over several years, and authorized funds for grants to states to assist them in developing their own general aviation airport development standards, other than standards for safety of approaches. A maximum of \$25,000 for a single state was established for development of standards.

### PROPOSED LEGISLATION

The legislative authority to execute development grants expired as of September 30, 1980. Several versions of legislation to continue an airport grant program in modified form were considered before adjournment of the 96th Congress and new proposals are now being considered by the 97th Congress.

# DISTRIBUTION OF CONTRACT AUTHORITY FOR AIR CARRIER / COMMUTER FUNDS (ADAP)

(SECTION 15(a)(3))



① NO AIRPORTS SERVING AIRCRAFT HEAVIER THAN 12500 LBS SHALL RECEIVE LESS THAN \$150,000 OR MORE THAN \$10 MILLION AIRPORTS SERVING AIRCRAFT LESS THAN 12500 LBS SHALL RECEIVE NO LESS THAN \$50,000 OR MORE THAN \$10 MILLION. THE LOWER FIGURES HOWEVER, WILL BE SUBJECT TO THE 66 2/3 % FUNDING RESTRICTION.

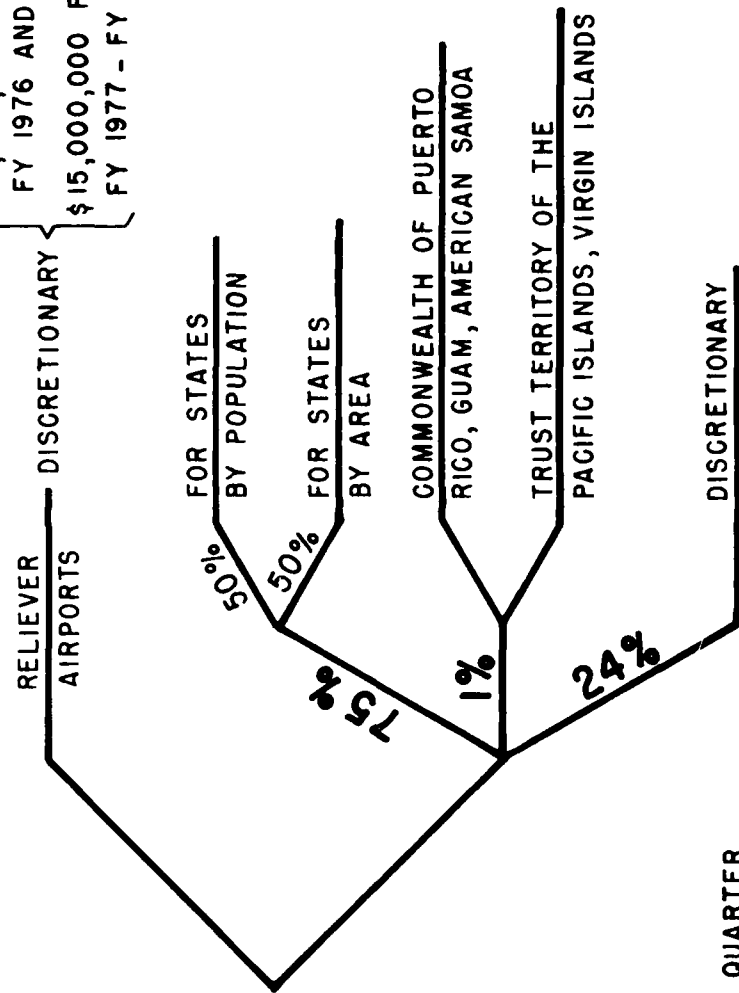
② TRANSITION QUARTER.

DISTRIBUTION OF CONTRACT AUTHORITY  
FOR GENERAL AVIATION /RELIEVER FUNDS (ADAP)

( SECTION 15,(a),(4) )

\$18,750,000 FOR ①  
FY 1976 AND TQ  
\$15,000,000 FOR  
FY 1977 - FY 1980

GENERAL  
AVIATION  
AND  
RELIEVER  
FUNDS  
100%



① TRANSITION QUARTER

### PRIMARY GOALS

The primary goals of the ADAP are to:

Increase safety and security of aircraft operations at the Nation's commercial service airports with projects such as those which increase the ability to respond to aircraft accidents, minimize pavement slipperiness, and secure operational areas.

Maintain the functional integrity of airport landing areas at the Nation's public-use airports through the rehabilitation of pavements and lighting systems.

Improve the existing substandard airport facilities at the Nation's public-use airports by bringing airports up to recommended design standards. In meeting these standards, aviation facilities will be constructed and operated with regard given to minimizing current and projected noise impacts on nearby communities.

Upgrade existing public-use airports to serve larger and more demanding aircraft.

Increase the capacity of public-use airports to expeditiously handle aircraft operations thereby minimizing congestion and delays.

Provide air access to communities or remote areas through development of additional public-use airports.

### STATUTORY CRITERIA

Statutory criteria relating to the ADAP included the following:

The project had to be reasonably consistent with plans (existing at the time of approval of the project) of planning agencies for the development of the area in which the airport is located.

Sufficient funds had to be available for that portion of the project costs which were not paid by the United States.

The project had to be completed without undue delay.

The public agency or agencies which submitted the project application had to have legal authority to engage in the airport development as proposed.

All project sponsorship requirements prescribed by or under the authority of the Secretary had to be met.

The project had to include provision for the installation of landing aids specified in the Act and determined by the Secretary to be required for the safe and efficient use of the airport by aircraft, taking into account the category of the airport and the type and volume of traffic using the airport.

Fair consideration had to be given to the interest of communities in or near which the project was to be located.

All proposed projects involving airport locations, major runway extensions, or runway locations were submitted to the Environmental Protection Agency and the Department of Interior for their review. The proposals were reviewed as to their adverse impacts on natural resources, including but not limited to fish and wildlife, natural scenic and recreation assets, water and air quality and other factors affecting the environment. Approval of these projects was not given unless the Secretary, following a full and complete review which was made a matter of public record, determined that no feasible and prudent alternative existed and that all possible steps would be taken to minimize any adverse effects.

The public agency sponsoring the project, if it involved airport location, an airport runway, or a runway extension, had to certify to the Secretary that there was afforded the opportunity for public hearings for the purpose of considering the economic, social, and environmental effects of the airport location and consistency with the goals and objectives of such urban planning as had been carried out by the community.

The Secretary did not approve any project involving airport location, major runway extension, or runway location unless the governor of the state in which such project was located certified, in writing to the Secretary, that there was reasonable assurance that the project would be located, designed, constructed, and operated so as to comply with applicable air and water quality standards. Where no state standards were approved or where such standards were promulgated by the Secretary of the Interior or the Secretary of HEW (function delegated to the EPA), certification was obtained from the appropriate Secretary. Notice of certification or of refusal to certify was provided within 60 days after the project application was received by the Secretary.

The Secretary conditionally approved any such project application based on compliance during construction and operation with applicable air and water quality standards.

Airport development had to be included in the NASP and comply with the airport development standards formulated or approved by the Secretary of Transportation.

As a condition precedent to approval of airport development projects, sponsors gave certain written assurances to the Secretary as required by the Act. There had to be consultation with air carrier operators at air carrier airports and with fixed base operators on general aviation airports prior to making a decision regarding any proposed development.



#### PROGRAM CRITERIA FOR ADAP

In order to meet the intent of the legislation, criteria were developed to accommodate the goals set forth in the Act. Recognition was given to the needs of all segments of aviation and to the prime goals of improving safety and increasing capacity.

Priorities were determined by considering various factors, such as work essentiality, and timing of need. This process was not purely a mathematical computation, but rather the exercise of judgment in the application of guidelines.

Programs of approved projects were developed on a continuing basis and allocations were announced periodically. All requests within a given state, when projects met basic eligibility requirements, were ranked by priority and programmed to the extent of available funds. Programs were monitored on a national basis to assure that the priority levels of projects were uniformly applied throughout the Nation.

#### IMPLEMENTATION

Policy and procedures for administering the ADAP were developed and published in Part 152, Federal Aviation Regulations, which was revised in May 1980 to simplify and clarify grant requirements. This regulation provides guidance on: (1) procedures for submission of requests for aid; (2) consideration of environmental effects; (3) eligibility of airport development items or facilities, (4) landing aid requirements; (5) requirements for public hearings to consider the social, economic, and environmental aspects of proposed airport development; (6) applicability and effect of the Uniform Relocation and Real Property Acquisition Policies Act; (7) procedures to assure nondiscrimination in the exercise of the grant program; and, (8) procedures for project approval.

#### Airport Development Aid Program Apportionments for Fiscal Year 1980

Appendix C to this report provides the apportionment of the \$667 million authorization for fiscal year 1980 under the ADAP for airport development projects. Each air carrier airport sponsor and the Governor of each state or the chief executive officer of the equivalent jurisdiction was notified of the sums apportioned in accordance with sections 15(a)(3)(A) and 15(a)(4)(A) of the Airport and Airway Development Act of 1970, as amended.

#### Fiscal Year 1980 Development Activity

Although \$667 million was authorized, the fiscal year 1980 DOT Appropriations Act (P.L. 96-131) set the availability of funds at \$640 million. An additional \$28 million was made available through recoveries from prior year's grants making a total of \$668 million available of which \$667 million were placed under grant (obligated). This represents an all time high for obligations for the development program.

A breakdown of the \$667 million in obligations includes \$544 million for 817 new grant agreements, \$5.9 million for up to 10 percent increases in existing ADAP grant agreements, and \$117.1 million for the fiscal year 1980 portion of multi-year grants. The new grant agreements consisted of \$443 million for 519 projects at air carrier and commuter airports, and \$101 million for 298 projects at general aviation and reliever airports.

The largest percentage of obligated funds was used to establish or improve system safety and capacity through development or acquisition of items such as new runways, runway extensions, taxiways, apron areas, approach aids, airfield lighting, crash/fire/rescue vehicles, and snow removal equipment, and to upgrade air safety in metropolitan areas by improving satellite airport facilities for general aviation activity. During the year there were 69 projects totalling \$32.5 million to improve satellite airports at 65 airports in 43 metropolitan areas. This brought the total, over two years, for the newly instituted satellite program to \$99.8 million for 178 projects to improve 118 airports in 57 metropolitan areas.

The 817 airport development projects for which grant agreements were executed during fiscal year 1980 are summarized in Appendix D by state and listed in Appendix E with descriptive work items.

#### STATE STANDARDS PROGRAM

The Airport and Airway Development Act of 1970 as amended authorized the Secretary of Transportation to make grants to any state, upon application, for developing standards for airport improvements at general aviation airports within a state.

The purpose of this program is to provide the states greater flexibility in general aviation airport development by providing for construction standards that are more closely related to local conditions.

During fiscal year 1980 four states received grants in dollar amounts as indicated below:

<u>State</u>	<u>Amount</u>
Maine	\$24,696
New Jersey	25,000
North Carolina	24,825
Washington	25,000

### EQUAL OPPORTUNITY REQUIREMENTS

Provision of assistance under the Airport and Airway Development Act subjects the airport sponsor to a number of equal opportunity requirements. They are:

- (1) Title VI of the Civil Rights Act of 1964.

Title VI prohibits the recipient from discriminating on the basis of race, color or national origin in providing benefits or determining participation in federally assisted programs. Airport lessees and concessionaires must covenant to the same condition in their agreements with the sponsor.

The FAA Civil Rights staff has primary responsibility for monitoring compliance of Title VI. During Fiscal Year 1980, the FAA Regional Civil Rights staffs completed 321 reviews, including 11 on-site visits. Although 67 reviews determined noncompliance with Part 21 requirements, all but one of the noncompliant sponsors subsequently achieved voluntary compliance and no review led to the initiation of enforcement procedures. In addition, Airports Regional personnel conducted a total of 1,264 compliance field reviews and found all locations to be in compliance.

- (2) Section 30 of the Airport and Airway Development Act Amendment of 1976.

In the past fiscal year the FAA issued a final rule implementing Section 30 at 14 CFR Part 152, Subpart E. The regulation prohibits discrimination on the basis of race, creed, color, national origin or sex in any employment activity of the airport sponsor and the aviation related lessees and contractors located on the airport. The regulation also prohibits the airport sponsor from discriminating on the basis of sex and creed in providing services, benefits and accommodations to the public, in much the same way that Title VI prohibits such discrimination on the basis of race, color or national origin.

Although compliance review procedures have not yet been established, the Civil Rights staffs will have responsibility for assuring compliance with Section 30.

- (3) Regulations of the OST 49 CFR Part 23 "Participation by Minority Business Enterprise in Department of Transportation Programs."

The OST issued a final rule setting forth requirements for participation of minority business enterprise (MBE) in contracts let by recipients of financial assistance from the Department. The regulation prohibits discrimination on the basis of race, color, national origin or sex in the award or performance of contracts assisted in whole or in part by the Department.

Regional Civil Rights staffs gave preliminary review approval to 176 MBE programs. They also issued 55 notices of noncompliance to sponsors for failure to submit a program or for deficiencies contained in the submissions. In no case was there initiation of enforcement proceedings for failure to comply.

(4) Section 504 of the Rehabilitation Act of 1973.

Section 504 prohibits discrimination on the basis of handicap in any program receiving Federal financial assistance. Implementing regulations of the OST, 49 CFR Part 27, require recipients to make certain existing and future facilities and programs accessible to handicapped persons. In addition, the rule prohibits employment discrimination by recipients against handicapped persons and requires recipients to make reasonable accommodations to the handicaps of otherwise qualified employees unless the accommodation would impose an undue hardship upon the operation of the program.

(5) Age Discrimination Act of 1975.

This Act prohibits discrimination on the basis of age in programs and activities receiving Federal financial assistance. It applies to persons of all ages and permits some age distinctions meeting certain specific criteria in federally assisted programs. It does not apply to the employment practices of any employer. A Notice of Proposed Rulemaking was published by the Office of the Secretary, but a final rule has not yet been issued.

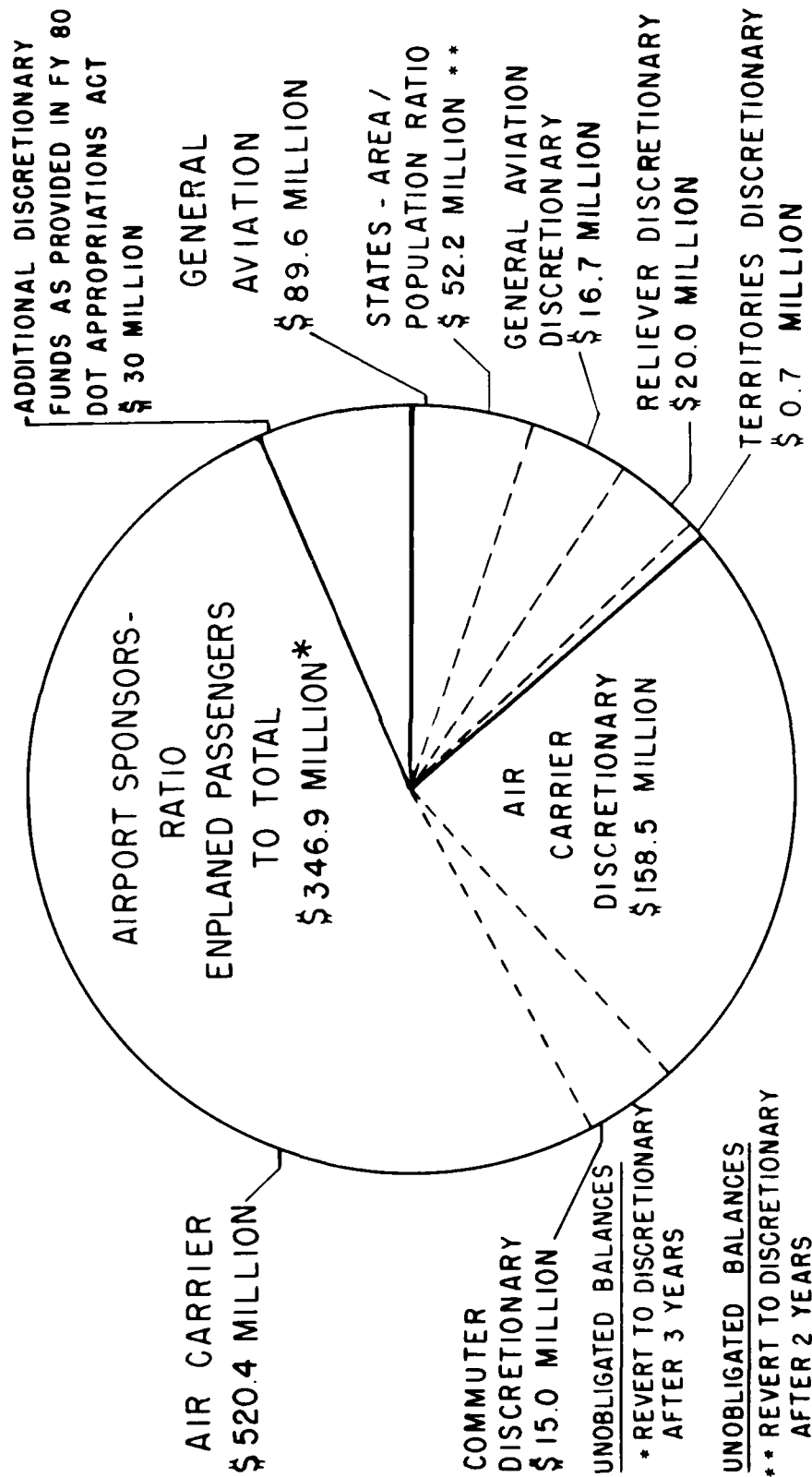
There is a complaint mechanism by which persons who believe they have been denied one of the above guarantees may seek redress. Such complaints are investigated by the OST. In Fiscal Year 1980 the OST received two complaints against airport sponsors alleging discrimination in violation of Title VI; four complaints were filed under Section 504, and eight complaints were filed under the Minority Business Enterprise Regulation. In no case did the OST make a finding of discrimination against an airport sponsor.

(6) Executive Order 11246, as amended by Executive Orders 11375 and 12086.

When assistance under the ADAP is for construction, the prime contractor and its subcontractors having contracts in excess of \$10,000 (or which aggregate to more than \$10,000 in a 12-month period) are subject to Executive Order 11246, as amended, and regulations of the Office of Federal Contract Compliance Programs (OFCCP) of the Department of Labor. The grantee is similarly covered when it participates in the construction work. Executive Order 11246 prohibits discrimination on the basis of race, color, sex, religion or national origin against persons employed or seeking employment with federally assisted construction contractors and their subcontractors. Compliance with Executive Order 11246 and Department of Labor regulations is monitored by the OFCCP.

# AIRPORT DEVELOPMENT AID PROGRAM

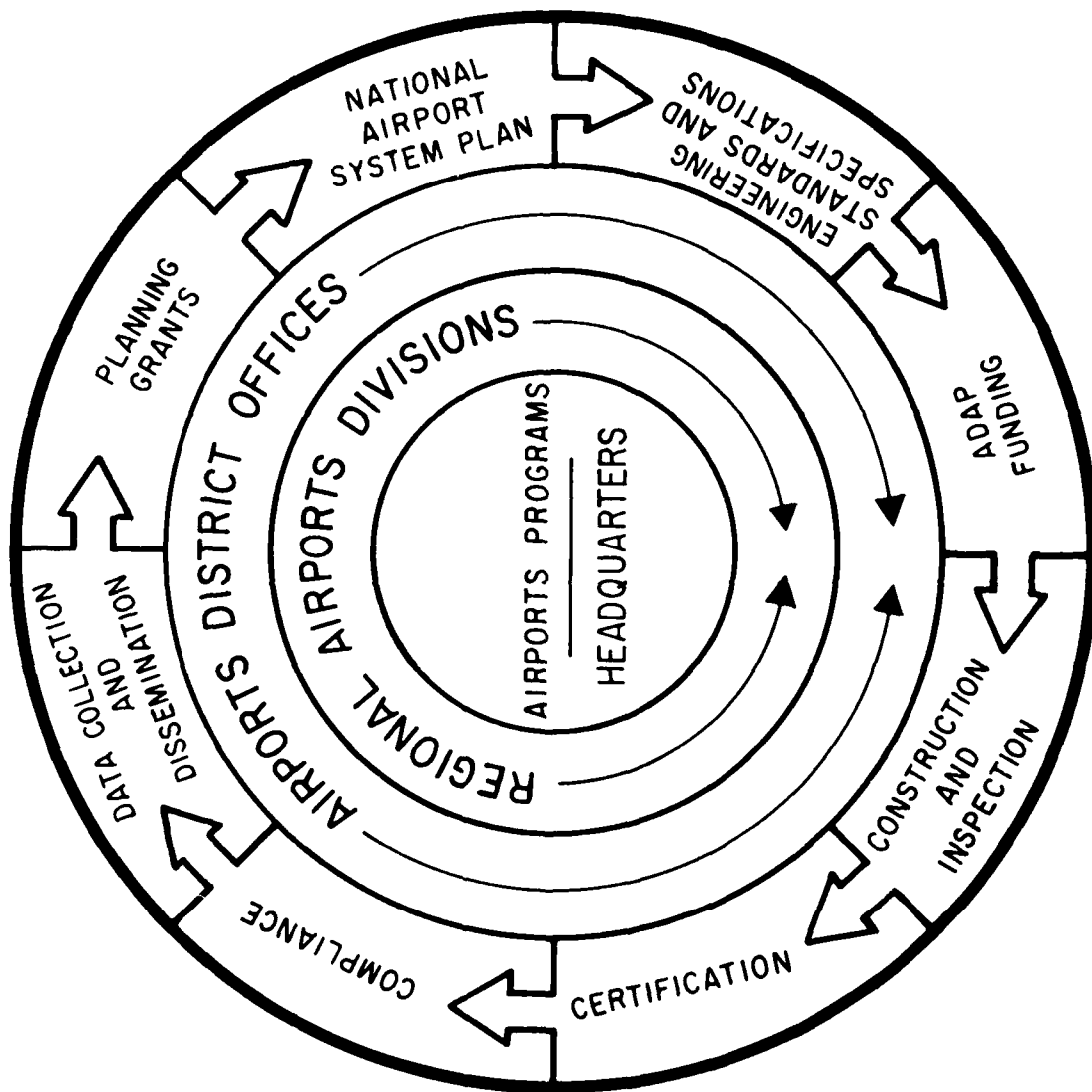
FISCAL YEAR 1980 FUNDING



**TOTAL PROGRAM FUND AVAILABILITY - \$640 MILLION \*\*\***

\*\*\* AUTHORIZED LEVEL OF \$667.0 ADJUSTED TO \$640.0 LIMITATION IN FY 1980 DOT APPROPRIATIONS ACT.

# AIRPORTS PROGRAM CYCLE



# ADAP FUNDING AND PERFORMANCE

FISCAL YR	AIRPORT & AIRWAY DEV. ACT	(IN MILLIONS)		NO. OF PROJECTS
		OBLIGATION LIMITATION	NET OBLIGATIONS	
1971	\$ 280.0	\$ 250.0	\$ 170.0	231
1972	280.0	280.0	280.0	464
1973	280.0	280.0	206.6	450
1974	310.0	300.0	299.7	646
1975	310.0	339.9 <sup>1/</sup>	339.9	643
1976+TQ	500.0	437.5	416.3	525
1977	510.0	545.0 <sup>2/</sup>	506.3	757
1978	540.0	540.0	539.8	761
1979	575.0	629.1 <sup>3/</sup>	624.2	858
1980	667.0	640.0	639.0	817
TOTALS	\$ 4,252.0	\$ 4,241.5	\$ 4,021.8	6152

<sup>1/</sup> INCLUDES \$25 MILLION REAPPROPRIATION OF FEDERAL AID AIRPORT PROGRAM (FAAP) FUNDS  
AND \$4.9 MILLION ORDERED BY COURTS FOR MIAMI

<sup>2/</sup> \$35 MILLION PROVIDED UNDER ECONOMIC STIMULUS APPROPRIATIONS ACT 1977 (P.L. 95-29)

<sup>3/</sup> ADDITIONAL \$54.1 MILLION PROVIDED UNDER DEPARTMENT OF TRANSPORTATION AND  
RELATED AGENCIES APPROPRIATIONS ACT ( P.L. 95-335 )

## KEY PROVISIONS

### "AIRPORT AND AIRWAY DEVELOPMENT ACT AMENDMENTS OF 1976"

<u>FUNDING LEVELS (\$ MILLIONS)</u>	<u>'76 (+TQ)</u>	<u>'77</u>	<u>'78</u>	<u>'79</u>	<u>'80</u>
• ADAP (DEVELOPMENT):					
AIR CARRIER	<u>500</u>	<u>510</u>	<u>540</u>	<u>575</u>	<u>610</u>
GENERAL AVIATION	435	440	465	495	525
	65	70	75	80	85
• PGP (PLANNING):	(15)	15	15	15	15
• STATE GA STANDARDS	\$1,275,000.				

### FUNDS DISTRIBUTION (ADAP)

- AIR CARRIER: 2/3 ENPLANEMENT APPORTIONMENTS (FORMULA)  
                   1/3 DISCRETIONARY (\$15 MILLION RESERVED FOR COMMUTERS)
- GENERAL AVIATION:   \$15 MILLION - RELIEVERS (OFF TOP).  
                           75% STATE APPORTIONMENTS (AREA/POP. RATIO).  
                           24% DISCRETIONARY.  
                           1% U.S. ISLANDS AND TERRITORIES.



## **OBLIGATING AUTHORITY**

5-YEAR PROGRAM AUTHORIZATION - 9/30/80

MULTI-YEAR PROJECT FUNDING  
SPONSORS' NOTIFICATION OF APPORTIONMENTS DUE BY APRIL 1<sup>st</sup>  
TERMINAL DEVELOPMENT LIMITED TO 60% OF AC SPONSORS' APPORTIONMENT  
STATE LIMITED TO 10% PGP FUNDS, AND \$ 25,000 FOR GA STANDARDS

## **FEDERAL SHARE (ADAP AND PGP PROJECTS)**

75%: AIR CARRIERS ENPLANING . 25% OR MORE TOTAL ANNUAL PASSENGERS

AIRPORT SYSTEM PLANS

STATE GA STANDARDS DEVELOPMENT

90%/80%\*: AIR CARRIERS ENPLANING LESS THAN . 25% TOTAL ANNUAL PASSENGERS  
COMMUTER, RELIEVERS, AND OTHER GA AIRPORTS

50% AIR CARRIER TERMINAL AREA DEVELOPMENT

\*90% REDUCED TO 80% FOR FY '79 AND REVERTED TO 90% AS A  
RESULT OF THE AVIATION SAFETY AND NOISE ABATEMENT ACT OF

1979

### NEW DEFINITIONS/ PROJECT ELIGIBILITY

- AIR CARRIER AIRPORT: INCLS "COMMUTER SERVICE" AND LONG BEACH, CALIFORNIA.
- COMMUTER SERVICE AIRPORT: CAB 401(a) EXEMPTION; 2,500 ANNUAL ENPLANEMENTS.
- ADAP ELIGIBLE: SNOW REMOVAL EQUIPMENT.
  - NOISE SUPPRESSION EQUIPMENT.
  - PHYSICAL BARRIERS AND LANDSCAPING (NOISE)
  - LAND ACQUISITION FOR NOISE COMPATIBILITY.
  - AIR CARRIER TERMINAL AREA DEVELOPMENT.
- PGP ELIGIBLE: LAND USE STUDIES (AIRPORT MASTER PLANNING).
- AIRPORT STANDARDS: STATE DEVELOPED GA AIRPORT STANDARDS.
- AIRPORT NOISE COMPATIBILITY PLANNING.\*

### TERMINAL AREA DEVELOPMENT (AIR CARRIER)

- ALLOWABLE PROJECTS: NONREVENUE PRODUCING, PUBLIC-USE AREAS FOR  
MOVEMENT OF PASSENGERS AND BAGGAGE WITHIN AIRPORT.
- SPONSOR CERTIFICATION: REQUIRED SAFETY AND SECURITY EQUIPMENT ACQUIRED.  
GENERAL AVIATION ACCESS TO TERMINAL FACILITIES  
PROVIDED.
- INDEBTEDNESS RETIREMENT: NO DELAY IN AIRFIELD DEVELOPMENT. NO FUNDING  
OF TERMINAL AREA FOR FOLLOWING 3 YEARS.

\* DEFINED IN AVIATION SAFETY AND NOISE ABATEMENT ACT OF 1979

PROJECT APPROVAL / STANDARDS

- AIRPORT IS IN REVISED NASP.
- PROJECT MEETS FAA OR APPROVED STATE GA DEVELOPMENT STANDARDS.
- AIRPORT USERS CONSULTED: AIR CARRIER - AIRLINES.  
GENERAL AVIATION - FBOs.
- FEDERAL SHARE NOT INCLUDED IN AIRPORTS' RATES, FEES, ETC.
- NO DISCRIMINATION IN AIRPORTS' CHARGES AND REGULATIONS.
- AFFIRMATIVE CIVIL RIGHTS ACTION TAKEN.
- PRESENT ENVIRONMENTAL REQUIREMENTS HAVE BEEN MET.
- SPONSORS CERTIFICATION AUTHORIZED - THAT IT WILL COMPLY WITH ALL STATUTORY  
AND ADMINISTRATIVE REQUIREMENTS IMPOSED UNDER THE ACT.

AIRPORT SAFETY / SECURITY EXEMPTIONS (FEDERAL AVIATION ACT OF 1958)

- SECTION 612 (C/F/R) - AIR CARRIER AIRPORTS ENPLANING .25% OF TOTAL, IF  
UNREASONABLY COSTLY, BURDENSOME OR IMPRACTICAL.
- SECTION 317 (SECURITY) --- PERMITS EXEMPTIONS AT ALASKAN AIRPORTS SERVED  
ONLY BY AIR CARRIERS USING AIRCRAFT LESS THAN  
12,500 LBS. FROM SECURITY REQUIREMENTS IN  
SECTIONS 315 / 316 .

### NATIONAL AIRPORT SYSTEM PLAN (NASP)

- PREPARE AND PUBLISH REVISED NASP BY 1/1/78.
- CONSULT WITH CAB, EACH STATE AND AIRPORT SPONSOR.
- IDENTIFY LEVEL OF PUBLIC SERVICE AND USES MADE OF EACH AIRPORT.
- INCLUDE PROJECTED 10-YEAR DEVELOPMENT- WITH ESTIMATED COSTS SUFFICIENTLY ACCURATE FOR FUTURE YEAR APPORTIONMENTS.
- INCLUDE FOLLOWING AIRPORT CATEGORIES:

AIR CARRIERS

COMMUTER SERVICE

RELIEVERS

GENERAL AVIATION

## STATE DEMONSTRATION PROGRAM (GENERAL AVIATION)

DELEGATION OF ADAP GRANT ADMINISTRATION FOR GA TO 4 STATES.

MUST MEET SECRETARY'S REQUIREMENTS.

NO FUNDING OF STATE ADMINISTRATIVE COSTS.

EVALUATION OF DEMONSTRATION SENT TO CONGRESS IN JUNE 1978.

## DEMONSTRATION PROJECT / SPECIAL STUDIES

\$3 MILLION - MULTI-MODAL TERMINAL DEMONSTRATION PROJECT,  
SOUTH BEND, INDIANA.

POTENTIAL CLOSURE OF AIRPORTS STUDY SUBMITTED TO CONGRESS  
JANUARY 1978.

OTHER STUDIES SUBMITTED TO CONGRESS

LANDBANKING                      DECEMBER 1977

NEW MAJOR AIRPORTS              DECEMBER 1977

SOUNDPROOFING                      JULY 1977

# APPENDIX A

## Projects Approved Under The Planning Grant Program (PGP) By State

### Fiscal Year 1980 Summary

<u>State</u>	<u>No. of Projects</u>	<u>Federal Funds</u>
Alabama	6	\$ 183,470
Alaska	3	298,771
Arizona	7	499,468
Arkansas	4	172,440
California	18	999,727
Colorado	5	252,010
Connecticut	1	75,069
Delaware	-0-	-0-
District of Columbia	1	150,000
Florida	7	505,384
Georgia	3	425,414
Hawaii	1	264,831
Idaho	2	45,911
Illinois	2	91,199
Indiana	-0-	-0-
Iowa	4	215,070
Kansas	4	203,235
Kentucky	-0-	-0-
Louisiana	2	193,290
Maine	1	9,855
Maryland	2	81,731
Massachusetts	6	817,788

## APPENDIX A

<u>State</u>	<u>No. of Projects</u>	<u>Federal Funds</u>
Michigan	5	297,821
Minnesota	-0-	-0-
Mississippi		
Missouri	3	139,800
Montana	1	22,581
Nebraska	-0-	-0-
Nevada	1	100,000
New Hampshire	1	24,300
New Jersey	5	494,752
New Mexico	1	43,650
New York	8	829,950
North Carolina	2	42,456
North Dakota	2	78,424
Ohio	3	128,760
Oklahoma	3	205,347
Oregon	8	332,991
Pennsylvania	5	406,856
Puerto Rico	-0-	-0-
Rhode Island	-0-	-0-
South Carolina	1	17,319
South Dakota	-0-	-0-
Tennessee	2	127,857
Texas	19	955,623
Trust Territory of Pacific Islands	1	49,499
Utah	2	128,729

# APPENDIX A

<u>State</u>	<u>No. of Projects</u>	<u>Federal Funds</u>
Vermont	1	75,770
Virginia	2	68,300
Washington	7	254,435
West Virginia	1	33,300
Wisconsin	-0-	-0-
Wyoming	<u>2</u>	<u>53,214</u>
Grand Totals	165	\$10,396,397



APPENDIX B

Planning Grant Program  
Grant Agreements - Fiscal Year 1980

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>ALABAMA</u>			
Alabaster Shelby County Shelby County Airport	General Aviation	\$ 11,079	Airport Master Plan.
Anniston City of Anniston Anniston-Calhoun County Airport	Air Carrier	37,646	Airport Master Plan (ANCLUC).
Auburn Auburn University Auburn Opelika-Robert G. Pitts Airport	Air Carrier	33,790	Airport Master Plan (Update).
Pell City St. Clair County St. Clair County Airport	Air Carrier	25,200	Airport Master Plan.
Prattville Autauga County Autauga County Airport	General Aviation	25,325	Airport Master Plan.
Tuscaloosa City of Tuscaloosa Tuscaloosa Municipal	Air Carrier	50,430	Airport Master Plan (ANCLUC).
<u>ALASKA</u>			
King Salmon State of Alaska King Salmon Airport	General Aviation	52,735	Airport Master Plan.
Nome State of Alaska Nome Airport	Air Carrier	144,018	Airport Master Plan.
Valdez State of Alaska Valdez Airport	Air Carrier	102,018	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>ARIZONA</u>			
Casa Grande City of Casa Grande Casa Grande Municipal	General Aviation	17,915	Airport Master Plan.
Gila Bend Town of Gila Bend Gila Bend Municipal	General Aviation	10,927	Airport Master Plan.
Glendale City of Glendale New	General Aviation	92,881	Airport Master Plan.
Sedona Yavapai County Sedona Airport	General Aviation	10,927	Airport Master Plan.
Tucson City of Tucson Tucson International	Air Carrier	269,575	Airport Master Plan (ANCLUC).
Window Rock Navajo Tribe Window Rock Airport	General Aviation	35,110	Airport Master Plan.
State of Arizona Arizona Department of Transportation		62,133	State Airport System Plan (Continuous).
<u>ARKANSAS</u>			
Heber Springs City of Heber Springs Heber Springs Municipal	General Aviation	27,000	Airport Master Plan.
Jonesboro City of Jonesboro Jonesboro Municipal	General Aviation	64,800	Airport Master Plan.
Pine Bluff City of Pine Bluff Grider Field	Air Carrier	53,640	Airport Master Plan.

## APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Rogers City of Rogers Rogers Municipal-Carter Field	General Aviation	27,000	Airport Master Plan.
<u>CALIFORNIA</u>			
Bakersfield City of Bakersfield Bakersfield Airpark	General Aviation	29,012	Airport Master Plan.
Burbank Burbank-Glendale-Pasadena Airport Authority Burbank-Glendale-Pasadena Airport	Air Carrier	161,180	Airport Master Plan (Update).
Fremont City of San Jose Fremont Airport (New)	General Aviation	54,000	Airport Master Plan.
Fullerton City of Fullerton Fullerton Municipal	Air Carrier	87,750	Airport Master Plan (ANCLUC).
Grass Valley Nevada County Nevada County Airpark	General Aviation	33,928	Airport Master Plan.
Lakeport Lake County Lampson Airport (New)	General Aviation	33,333	Airport Master Plan.
Lower Lake Lake County Pearce Field	General Aviation	16,667	Airport Master Plan.
Madera City of Madera Madera Municipal	General Aviation	22,221	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Oakland Port of Oakland Oakland International, North Airport	Air Carrier	80,570	Airport Master Plan.
Redlands City of Redlands Redlands Municipal	Air Carrier	28,200	Airport Master Plan.
Riverside City of Riverside Riverside Municipal	Air Carrier	68,845	Airport Master Plan.
Sacramento Sacramento County New (Reliever)	General Aviation	25,000	Airport Master Plan.
San Luis Obispo San Luis Obispo County San Luis Obispo Airport	Air Carrier	40,134	Airport Master Plan.
San Martin Santa Clara County South County Airport	General Aviation	40,214	Airport Master Plan.
Santa Ana Orange County John Wayne Airport (Orange County)	Air Carrier	74,825	Airport Master Plan (ANCLUC).
Santa Rosa Sonoma County Santa Rosa Air Center	General Aviation	33,973	Airport Master Plan.
Vacaville Solano County and City of Vacaville Nut Tree Airport	General Aviation	45,000	Airport Master Plan.
San Diego Metropolitan Area Comprehensive Planning Organization		124,875	Metropolitan Airport System Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>COLORADO</u>			
Aspen Pitkin County Aspen-Pitkin County Airport	Air Carrier	70,200	Airport Master Plan.
Delta Delta County Blake Field	General Aviation	34,155	Airport Master Plan.
Douglas Douglas County New	General Aviation	50,130	Airport Master Plan.
Ft. Collins-Loveland City of Ft. Collins- Loveland Ft. Collins-Loveland Municipal	General Aviation	37,525	Airport Master Plan.
Denver Regional Airport System Plan Denver Regional Council of Governments		60,000	Metropolitan Airport System Plan.
<u>CONNECTICUT</u>			
Bridgeport City of Bridgeport Sikorsky Memorial	Air Carrier	75,069	Airport Master Plan (Update).
<u>DISTRICT OF COLUMBIA</u>			
Washington, D.C. Metropolitan Area Metropolitan Washington Council of Governments		150,000	Metropolitan Airport System Plan (Continuous).
<u>FLORIDA</u>			
Jacksonville Jacksonville Port Authority Craig Municipal	General Aviation	98,881	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Jupiter Board of County Commissioners of Palm Beach County Jupiter Airport	General Aviation	42,880	Airport Master Plan.
Melbourne City of Melbourne Melbourne Regional	Air Carrier	54,324	Airport Master Plan.
Ormond Beach City of Ormond Beach Ormond Beach Municipal	General Aviation	18,900	Airport Master Plan.
Sarasota Sarasota-Manatee Airport Authority New	Air Carrier	166,936	Airport Master Plan.
St. Augustine St. Augustine Airport Authority St. Augustine Airport	General Aviation	11,700	Airport Master Plan.
Tampa Hillsborough County Aviation Authority New	General Aviation	111,763	Airport Master Plan.
<u>GEORGIA</u>			
Augusta Columbia County and City of Augusta Daniel Field	General Aviation	27,410	Airport Master Plan.
Columbus City of Columbus and Columbus Airport Commission Columbus Metropolitan Airport	Air Carrier	82,431	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Atlanta Metropolitan Area Atlanta Regional Commission		315,573	Metropolitan Airport System Plan.
<u>HAWAII</u>			
Kahului State of Hawaii Kahului Airport	Air Carrier	264,831	Airport Master Plan.
<u>IDAHO</u>			
Coeur d'Alene County of Kootenai Coeur d'Alene Air Terminal	General Aviation	27,000	Airport Master Plan (Update).
McCall City of McCall McCall Airport	General Aviation	18,911	Airport Master Plan.
<u>ILLINOIS</u>			
Danville Danville County Airport Authority Vermillion County Airport	Air Carrier	43,679	Airport Master Plan.
Eureka Woodford County Board Woodford County Airport	General Aviation	47,520	Airport Master Plan.
<u>IOWA</u>			
Ames City of Ames Ames Municipal	General Aviation	19,180	Airport Master Plan.
Des Moines City of Des Moines New	General Aviation	110,591	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Waterloo City of Waterloo Airport Commission Waterloo Municipal	Air Carrier	26,059	Airport Master Plan.
State of Iowa Iowa Department of Transportation		59,240	State Airport System Plan (Continuous).
<u>KANSAS</u>			
Derby City of Derby Southeast Sedgwick County Airport (New)	General Aviation	41,365	Airport Master Plan.
Hutchinson City of Hutchinson Hutchinson Municipal	Air Carrier	35,345	Airport Master Plan.
Wichita Wichita Airport Authority Wichita Mid-Continent Airport	Air Carrier	108,000	Airport Master Plan (ANCLUC).
Wichita, Kansas, Tri County Metropolitan Airport System Plan Wichita-Sedgwick County Metropolitan Area Planning Commission		18,525	Metropolitan Airport System Plan (Continuous).
<u>LOUISIANA</u>			
New Orleans New Orleans Aviation Board New Orleans International	Air Carrier	150,000	Airport Master Plan (ANCLUC).
Port Sulphur Louisiana Division of Aviation & Plaquemines Parish Airport Authority New	General Aviation	43,290	Airport Master Plan.



# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>MAINE</u>			
Bar Harbor Hancock County Commissioners Bar Harbor Airport	Air Carrier	9,855	Airport Master Plan.
<u>MARYLAND</u>			
Frederick City of Frederick Frederick Municipal	General Aviation	21,731	Airport Master Plan.
State of Maryland Maryland Department of Transportation		60,000	State Airport System Plan (Continuous).
<u>MASSACHUSETTS</u>			
Boston Massachusetts Port Authority Logan International	Air Carrier	93,980	Airport Master Plan.
Boston Massachusetts Port Authority Logan International	Air Carrier	450,000	Airport Master Plan.
Hyannis Barnstable Airport Commission Barnstable Municipal	General Aviation	78,004	Airport Master Plan.
Mansfield Mansfield Airport Commission Mansfield Municipal	General Aviation	31,500	Airport Master Plan.
Westfield Westfield Airport Commission Barnes Municipal	General Aviation	74,574	Airport Master Plan (Update).

## APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Worcester Worcester Airport Commission Worcester Municipal	Air Carrier	89,730	Airport Master Plan.
<u>MICHIGAN</u>			
Battle Creek Kent County W.K. Kellogg Regional	Air Carrier	60,300	Airport Master Plan.
Fraser City of Fraser McKinley Airport	General Aviation	47,316	Airport Master Plan.
Grand Rapids Kent County Kent County International	Air Carrier	80,316	Airport Master Plan.
Jackson Jackson County Jackson County-Reynolds Field	General Aviation	72,000	Airport Master Plan.
Kalamazoo City of Kalamazoo Kalamazoo Municipal	Air Carrier	37,889	Airport Master Plan.
<u>MISSOURI</u>			
Rolla Phelps County Rolla National Airport	General Aviation	64,800	Airport Master Plan.
St. Louis Metropolitan Area East-West Gateway Coordina- ting Council		30,000	Metropolitan Airport System Plan.
State of Missouri State of Missouri Highway & Transportation Commission		45,000	State Airport System Plan (Update).

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>MONTANA</u>			
Three Forks City of Three Forks Three Forks Airport	General Aviation	22,581	Airport Master Plan.
<u>NEVADA</u>			
North Las Vegas City of North Las Vegas North Las Vegas Air Terminal	General Aviation	100,000	Airport Master Plan.
<u>NEW HAMPSHIRE</u>			
Rochester State of New Hampshire Skyhaven State Airport	General Aviation	24,300	Airport Master Plan.
<u>NEW JERSEY</u>			
Morristown Town of Morristown Morristown Municipal	General Aviation	57,677	Airport Master Plan.
Newark The Port Authority of New York and New Jersey Newark International Airport	Air Carrier	156,262	Airport Master Plan.
Teterboro The Port Authority of New York and New Jersey Teterboro Airport	General Aviation	112,063	Airport Master Plan.
State of New Jersey New Jersey Department of Transportation		78,750	State Airport System Plan.
State of New Jersey New Jersey Department of Transportation		90,000	State Airport System Plan (Continuous).

## APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>NEW MEXICO</u>			
Carlsbad City of Carlsbad Cavern City Air Terminal	Air Carrier	43,650	Airport Master Plan.
<u>NEW YORK</u>			
Buffalo Niagara Frontier Transportation Authority New (Reliever)	General Aviation	65,353	Airport Master Plan.
New York Tri-State Regional Planning Commission J.F.K. International	Air Carrier	75,000	Airport Master Plan.
New York The Port Authority of New York and New Jersey J.F.K. International	Air Carrier	237,286	Airport Master Plan.
New York The Port Authority of New York and New Jersey J.F.K. International	Air Carrier	112,500	Airport Master Plan (Partial ANCLUC).
New York The Port Authority of New York and New Jersey LaGuardia International	Air Carrier	185,200	Airport Master Plan.
Wellsville Town of Wellsville Wellsville Municipal	General Aviation	37,396	Airport Master Plan.
Central New York Regional System Plan Central New York Regional Planning and Development Board		11,250	Regional Airport System Plan (Continuous).

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
State of New York New York Department of Transportation, Planning Division		105,965	State Airport System Plan (Continuous).
<u>NORTH CAROLINA</u>			
Jacksonville Onslow County Albert J. Ellis Airport	Air Carrier	17,130	Airport Master Plan.
Wilmington New Hanover County Board of Commissioners New Hanover County Airport	Air Carrier	25,326	Airport Master Plan.
<u>NORTH DAKOTA</u>			
Williston City of Williston Sloulin Field International	Air Carrier	22,000	Airport Master Plan.
State of North Dakota State of North Dakota		56,424	State Airport System Plan (Update).
<u>OHIO</u>			
Newark Licking County Newark-Heath Airport	General Aviation	32,760	Airport Master Plan.
Toledo Toledo-Lucas County Port Authority Toledo Express Airport	Air Carrier	60,000	Airport Master Plan.
Warren City of Warren Warren Airport	General Aviation	36,000	Airport Master Plan.

## APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>OKLAHOMA</u>			
Lawton City of Lawton and Lawton Metropolitan Area Airport Authority Lawton Municipal	Air Carrier	53,100	Airport Master Plan (Update).
Stilwell Cherokee Nation Cherokee Nation Airport (New)	General Aviation	32,247	Airport Master Plan.
Tulsa City of Tulsa Tulsa International	Air Carrier	120,000	Airport Master Plan (ANCLUC).
<u>OREGON</u>			
Albany City of Albany and Linn County Albany Municipal	General Aviation	40,950	Airport Master Plan.
Ashland City of Ashland Ashland Municipal-Sumner Parker Field	General Aviation	18,000	Airport Master Plan.
Condon Oregon Department of Transportation Condon State Airport	General Aviation	14,850	Airport Master Plan.
Enterprise Wallowa County Wallowa County (New)	General Aviation	31,903	Airport Master Plan.
Hermiston City of Hermiston Hermiston Municipal	General Aviation	11,070	Airport Master Plan.

## APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
McMinnville City of McMinnville McMinnville Municipal	General Aviation	22,138	Airport Master Plan.
Portland Port of Portland Clackamas Airport	General Aviation	167,080	Airport Master Plan.
Portland City of Portland New Portland Heliport	General Aviation	27,000	Airport Master Plan.
<u>PENNSYLVANIA</u>			
St. Marys Borough of St. Marys St. Marys Municipal	General Aviation	14,080	Airport Master Plan.
Towanda Bradford County Bradford County Airport	General Aviation	41,671	Airport Master Plan.
Southwestern Pennsylvania Regional Airport System Plan Southwestern Pennsylvania Regional Planning Commission		120,000	Regional Airport System Plan.
State of Pennsylvania Pennsylvania Department of Transportation		96,105	State Airport System Plan (Continuous).
Trenton-Philadelphia- Wilmington Regional Airport System Plan Delaware Valley Regional Planning Commission		135,000	Regional Airport System Plan.
<u>SOUTH CAROLINA</u>			
Ridgeland Jasper County Ridgeland Airport	General Aviation	17,319	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
<u>TENNESSEE</u>			
Union City County of Obion Everett-Stewart Airport	General Aviation	30,744	Airport Master Plan.
State of Tennessee Tennessee Department of Transportation		97,113	State Airport System Plan (Continuous).
<u>TEXAS</u>			
Big Spring City of Big Spring Big Spring Airport	General Aviation	39,600	Airport Master Plan.
Dalhart City of Dalhart Dalhart Municipal	General Aviation	13,500	Airport Master Plan.
El Paso City of El Paso El Paso Airport (East) (New)	General Aviation	45,000	Airport Master Plan.
Ft. Worth City of Ft. Worth New South Ft. Worth Airport	General Aviation	45,000	Airport Master Plan.
Garland City of Garland N.E. Dallas County (New)	General Aviation	13,119	Airport Master Plan.
Harlingen City of Harlingen Harlingen Industrial Air Park	Air Carrier	40,490	Airport Master Plan (ANCLUC).
Houston City of Houston Ellington Field	General Aviation	54,000	Airport Master Plan.



# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Houston City of Houston Houston Intercontinental	Air Carrier	166,500	Airport Master Plan.
Houston City of Houston-Department of Aviation New West Side Airport	General Aviation	36,000	Airport Master Plan.
Killeen City of Killeen Killeen Municipal	Air Carrier	19,800	Airport Master Plan.
LaPorte City of LaPorte LaPorte Municipal	General Aviation	13,146	Airport Master Plan.
Longview Gregg County Gregg County Airport	Air Carrier	32,917	Airport Master Plan.
Mesquite City of Mesquite Phil L. Hudson Field	General Aviation	38,157	Airport Master Plan.
Muleshoe City of Muleshoe Edward Warren Field	General Aviation	36,603	Airport Master Plan.
San Angelo City of San Angelo Mathis Field	Air Carrier	69,799	Airport Master Plan.
San Marcos City of San Marcos San Marcos Municipal	General Aviation	26,258	Airport Master Plan.
Gulf Coast Planning Region Houston-Galveston Area Council		135,000	Regional Airport System Plan.

## APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
North Central Texas Planning Region North Central Texas Council of Governments		70,000	Metropolitan Airport System Plan (Continuous).
State of Texas Texas Aeronautics Commission		60,734	State Airport System Plan (Continuous).
<u>UTAH</u>			
Moab Grand County Canyonlands Field	General Aviation	57,292	Airport Master Plan.
State of Utah Utah Department of Transportation		71,437	State Airport System Plan (Update).
<u>VERMONT</u>			
Burlington City of Burlington Burlington International	Air Carrier	75,770	Airport Master Plan (Update).
<u>VIRGINIA</u>			
Front Royal Warren County and Town of Front Royal Front Royal-Warren County Airport	General Aviation	16,000	Airport Master Plan.
State of Virginia Virginia Department of Aviation		52,300	State Airport System Plan (Continuous).
<u>WASHINGTON</u>			
Blaine City of Blaine Blaine Municipal	General Aviation	29,588	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Camas Port of Camas-Washougal Port of Camas-Washougal Airport	General Aviation	37,309	Airport Master Plan.
Kelso City of Kelso Kelso-Longview Airport	General Aviation	48,600	Airport Master Plan.
Omak City of Omak Omak Airport	General Aviation	22,770	Airport Master Plan.
Seattle Port of Seattle Sea Tac International	Air Carrier	55,000	Airport Master Plan
Wenatchee Port of Chelan and Douglas County Pangborn Field	Air Carrier	41,168	Airport Master Plan.
Benton-Franklin Counties Benton-Franklin Council of Governments		20,000	Metropolitan Airport System Plan.
<u>WEST VIRGINIA</u>			
Charleston Central West Virginia Regional Airport Authority Kanawha Airport	Air Carrier	33,300	Airport Master Plan.
<u>WYOMING</u>			
Riverton City of Riverton Riverton Regional	Air Carrier	20,000	Airport Master Plan.

# APPENDIX B

<u>State</u> <u>Location</u> <u>Sponsor</u> <u>Name of Airport</u> <u>or Planning Area</u>	<u>Type</u> <u>of</u> <u>Airport</u>	<u>Federal</u> <u>Funds</u>	<u>Type</u> <u>Study</u>
Thermopolis Hot Springs County Thermopolis Municipal	General Aviation	33,214	Airport Master Plan.
<u>TRUST TERRITORY OF THE PACIFIC ISLANDS</u>			
Pago Pago Department of Port Administra- tion, American Samoa Govern- ment Pago Pago International	Air Carrier	49,499	Airport Master Plan.

APPENDIX C

SUMMARY DISTRIBUTION OF FUND AUTHORIZATION  
FISCAL YEAR 1980

A summary follows of the distribution of funds authorized for fiscal year 1980. The distribution was made in accordance with Sections 15(a)(3) and 15(a)(4) of the Airport and Airway Development Act of 1970, as amended.

In accordance with Section 15 of the Act, funds apportioned to airport sponsors under the enplanement formula for air carrier airports which are not obligated during the fiscal year for which they were first authorized and the two fiscal years immediately following shall be added to the air carrier discretionary fund. In addition, amounts apportioned to each state under the area/population formula for general aviation airports which are not obligated during the fiscal year for which they were first authorized and the fiscal year immediately following shall be added to the general aviation discretionary fund.

Within these amounts, and subject to any annual obligational limitations, airport sponsors may plan airport development projects and request Federal assistance for the establishment of a nationwide system of public airports adequate to meet the present and future needs of civil aviation.

For fiscal year 1980 the authorization was \$667 million as shown in the table below, but this amount was not available for grants since the fiscal year 1980 obligational level was limited to \$640 million in the Department of Transportation and Related Agencies Appropriation Act of 1980 (P.L. 96-131).

FY 1980 AUTHORIZATION

1. <u>Air Carrier/Commuter Service</u>	<u>\$569,000,000</u>
a. Airport sponsors -- enplanement formula	362,400,000
b. Discretionary	206,600,000
(Commuter service airports minimum)	(15,000,000)
2. <u>General Aviation</u>	<u>\$ 98,000,000</u>
a. States -- area/population formula	58,500,000
b. Discretionary	39,500,000
(Reliever airports minimum)	(20,000,000)
(Territories)	( 800,000)
3. <u>Total Program Funds Authorized</u>	<u>\$667,000,000</u>

APPENDIX D

AIRPORT DEVELOPMENT AID PROGRAM  
GRANT AGREEMENTS - FISCAL YEAR 1980  
(Excludes Amendments to Grants)

<u>STATE</u>	<u>AC/COMMUTER DEVELOPMENT</u>		<u>GA/RELIEVER DEVELOPMENT</u>		<u>TOTAL</u>	
	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>
Alabama	10	\$ 7,081,930	6	\$ 1,889,210	16	\$ 8,971,140
Alaska	14	15,718,034	6	4,241,727	20	19,959,761
American Samoa	1	247,457	0	-0-	1	247,457
Arizona	8	8,330,257	5	2,089,869	13	10,420,126
Arkansas	6	2,233,518	6	1,326,816	12	3,560,334
California	33	41,911,276	19	8,473,055	52	50,384,331
Colorado	11	4,652,948	6	3,864,120	17	8,517,068
Connecticut	6	3,553,273	3	219,598	9	3,772,871
Delaware	1	164,300	0	-0-	1	164,300
Florida	19	30,087,217	11	3,030,466	30	33,117,683
Georgia	13	9,858,085	7	1,955,301	20	11,813,386
Hawaii	6	7,571,378	1	146,724	7	7,718,102
Idaho	5	1,730,642	5	808,840	10	2,539,482
Illinois	15	25,844,834	10	2,899,215	25	28,744,049
Indiana	9	5,996,195	11	13,769,050	20	19,765,245
Iowa	10	6,135,923	4	765,451	14	6,901,374
Kansas	8	4,142,924	4	3,050,044	12	7,192,968
Kentucky	6	5,899,936	5	2,703,584	11	8,603,520
Louisiana	12	10,243,872	5	2,528,020	17	12,771,892
Maine	11	4,899,303	3	464,400	14	5,363,703
Maryland	7	7,977,017	4	1,184,077	11	9,161,094
Massachusetts	12	5,966,834	9	2,510,784	21	8,477,618
Michigan	20	14,845,790	5	2,255,788	25	17,101,578

APPENDIX D

<u>STATE</u>	<u>AC/COMMUTER DEVELOPMENT</u>		<u>GA/RELIEVER DEVELOPMENT</u>		<u>TOTAL</u>	
	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>
Minnesota	7	4,967,724	3	2,609,228	10	7,576,952
Mississippi	12	4,715,207	5	611,272	17	5,326,479
Missouri	9	20,521,535	7	2,412,410	16	22,933,945
Montana	10	3,344,382	4	1,535,839	14	4,880,221
Nebraska	9	2,551,976	3	701,100	12	3,253,076
Nevada	4	8,233,740	3	977,742	7	9,211,482
New Hampshire	6	542,036	2	461,700	8	1,003,736
New Jersey	9	7,232,263	2	1,612,411	11	8,844,674
New Mexico	14	4,244,798	9	947,186	23	5,191,984
New York	24	18,753,620	10	2,658,373	34	21,411,993
North Carolina	13	11,697,257	5	1,303,806	18	13,001,063
North Dakota	4	1,241,199	2	612,141	6	1,853,340
Northern Mariana Islands	2	1,654,144	0	-0-	2	1,654,144
Ohio	6	13,169,241	9	2,779,843	15	15,949,084
Oklahoma	6	10,706,621	13	1,477,029	19	12,183,650
Oregon	5	3,886,838	6	1,686,660	11	5,573,498
Pennsylvania	23	17,957,714	14	3,473,708	37	21,431,422
Puerto Rico	1	508,698	1	360,000	2	868,698
Rhode Island	1	521,100	1	252,000	2	773,100
South Carolina	6	6,881,108	8	1,441,802	14	8,322,910
South Dakota	6	1,011,940	3	670,523	9	1,682,463
Tennessee	10	7,581,269	4	1,002,021	14	8,584,290
Texas	32	28,959,570	22	5,251,987	54	34,211,557
Trust Territory	1	2,466,820	0	-0-	1	2,466,820

APPENDIX D

	<u>AC/COMMUTER DEVELOPMENT</u>		<u>GA/RELIEVER DEVELOPMENT</u>		<u>TOTAL</u>	
<u>STATE</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>	<u>NO. OF PROJECTS</u>	<u>FEDERAL FUNDS</u>
Utah	4	2,735,925	6	741,044	10	3,476,969
Vermont	2	948,816	2	588,708	4	1,537,524
Virginia	16	8,134,417	8	1,426,237	24	9,560,654
Virgin Islands	1	972,472	0	-0-	1	972,472
Washington	11	11,337,328	3	929,500	14	12,266,828
West Virginia	9	2,716,244	3	485,014	12	3,201,258
Wisconsin	7	5,280,130	3	1,153,297	10	6,433,427
Wyoming	<u>6</u>	<u>2,547,552</u>	<u>2</u>	<u>688,746</u>	<u>8</u>	<u>3,236,298</u>
TOTALS	519	\$443,116,627	298	\$101,028,466	817	\$544,145,093



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<b>ALABAMA</b>			
Alexander T.C. Russell Field	03	\$ 341,000	Land; site preparation for runway extension to Runway 18-36 (868+ft).
Auburn Auburn-Opelika	03	180,000	Groove Runway 18-36; expand apron; construct and mark connecting taxiway.
Bay Minette Bay Minette Municipal	02	236,250	Land and relocation assistance; install runway lighting system on Runway 8-26; mark Runway 8-26 and taxiways.
Birmingham Birmingham Municipal	11	2,325,000	Land and relocation assistance for noise control purposes; obstruction removal; erosion control; fencing.
Dothan Dothan	04	334,382	Replace runway and taxiway lighting system for Runway 13-31; relocate VASI for Runway 13; repair apron; fencing.
	05	1,347,857	Strengthen SE end of Runway 13-31; groove and mark Runway 13-31.
Eufaula Weedon Field	01	157,155	Land and relocation assistance.
Fairhope Fairhope	03	550,000	Land; extend apron, taxiways and access road; mark and light taxiways.
Gadsden Gadsden	06	277,519	Expand apron; construct standby generator building, install surplus standby generator; connect standby power to taxiway lighting system; install VASI-2; fencing.
Greenville Greenville Municipal	01	500,000	Extend, reconstruct, overlay and mark Runway 14-32; construct and extend runway safety areas; install runway lighting, beacon, wind cone, segmented circle, and electrical vault; obstruction removal.
Huntsville Huntsville-Madison County	06	608,311	Purchase fire/crash/rescue vehicle, proximity suits, and communication equipment; terminal building remodeling including baggage carousel.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ALABAMA (cont'd)</u>			
Mobile Bates Field	08	\$ 990,000	Land; approach clearing; strengthen and mark taxiways; extend taxiway lighting system.
Montgomery Dannelly Field	10	451,861	Construct, widen, strengthen and mark taxiways; strengthen apron; construct service roads; fencing; install taxiway lights; mark runway and taxiway.
Muscle Shoals Muscle Shoals	05	243,000	Land; expand apron; groove and mark runway.
Tuscaloosa Tuscaloosa Municipal	09	324,000	Strengthen and mark taxiways; groove and mark runway.
Wetumpka Wetumpka Municipal	01	104,805	Land; install runway lighting, taxiway lighting, beacon with tower, wind cone, and segmented circle; obstruction removal.
<u>ALASKA</u>			
Anchorage Merrill Field	06	1,672,138	Land.
Aniak Aniak	02	213,652	Fencing.
Bethel Bethel	08	409,728	Construct equipment storage building.
Brevig Mission Brevig Mission	01	792,000	Land; reconstruct and extend runway; construct taxiway, apron, access road and snow removal equipment building; install wind cones, segmented circle and retroreflective markers; acquire snow removal equipment.
Dillingham Dillingham	03	6,369,297	Land; construct bituminous surface treated runway, taxiways, air carrier apron, and general aviation apron; extend air carrier apron; fencing; obstruction removal; relocate power line to underground; marking; modify lighting system.
Fort Yukon Fort Yukon	01	1,715,000	Land; extend runway apron; rehabilitate runway; construct access road; install lighting system; relocate approach lights.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ALASKA (cont'd)</u>			
Iliamna Iliamna	02	\$ 758,906	Construct apron and taxiway; install taxiway lighting and fencing; relocation crash/fire/rescue building; ceilometer, wind cone, and segmented circle.
Juneau Juneau International	11	614,362	Purchase snow removal and crash/fire/rescue equipment.
Karluk Karluk	01	1,349,000	Land; construct runway safety area, taxiway, parking apron, and access road; install wind cone, segmented circle, runway end markers and retroreflective markers.
Kenia Kenia Municipal	06	737,339	Construct standby generator building; install standby generator; rehabilitate runway and taxiway lighting systems.
	07	234,375	Construct a warm storage building.
Kiana Bob Baker Memorial	02	1,210,000	Reconstruct runway safety area; construct apron, taxiway, and access road; install runway lights, taxiway lights, rotating beacon, lighted and unlighted wind cones, segmented circle, and boundary markers.
Nikolai Nikolai	01	729,866	Land; reconstruct runway, extend runway; construct taxiway, apron, access road and snow removal equipment building; install fuel tank, wind cone, segmented circle, runway end markers, and purchase snow removal equipment.
Noorvik Bob Curtis Memorial	02	234,375	Install lighting system, lighted wind cone, and beacon.
Palmer Palmer Municipal	08	215,625	Purchase snow removal equipment.
Perryville Perryville	01	540,000	Land; reconstruct runway; construct apron, taxiway, access road, and snow removal equipment building; install wind cones, segmented circle, and retroreflective markers.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ALASKA (cont'd)</u>			
Soldotna Soldotna	04	\$ 708,105	Rehabilitate runway shoulder and runway lighting system; install taxiway lighting system and VASI-4; construct snow removal equipment building.
South Naknek South Naknek	02	540,000	Land; reconstruct and extend runway; construct apron and taxiway; relocate access road; install runway lighting system and lighted wind cone.
Talkeetna Talkeetna	01	664,274	Extend apron; surface runway, taxiway and apron; install runway and taxiway lighting system.
Wrangell Wrangell Seaplane Base	01	251,719	Land; remove existing float facility and construct new one; provide lighting and portable water.
<u>AMERICAN SAMOA</u>			
Pago Pago Pago Pago International	09	247,457	Extend apron; modify lighting system.
<u>ARIZONA</u>			
Chandler Chandler Municipal	03	285,182	Construct apron; construct and mark taxiway; relocate beacon.
Globe Globe-San Carlos Regional	03	410,598	Install runway lighting system; construct and mark taxiway; extend and mark apron; install two VASI-2's; install lighted wind cone.
Grand Canyon Grand Canyon National Park	11	612,893	Expand terminal building; rehabilitate terminal building; relocate fence; install gates; drainage; reconstruct sidewalk; widen entrance road; construct service road.
Holbrook Holbrook Municipal	02	441,559	Land; reconstruct and mark runway; construct and mark taxiway turnaround.
Kingman Mohave County	02	144,854	Acquire crash/fire/rescue equipment; construct crash/fire/rescue building; reconstruct apron.
Phoenix Phoenix Sky Harbor International	15	2,099,820	Land.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ARIZONA (cont'd)</u>			
	16	\$ 600,000	Land; drainage channel relocation.
Prescott Prescott Municipal	02	673,844	Reconstruct, light and mark runway; drainage; install VASI-2's.
Scottsdale Scottsdale	05	500,000	Land.
St. Johns St. Johns Municipal	01	452,530	Reconstruct runway, apron and taxiway.
Tucson Tucson International	12	1,587,524	Construct entrance road; construct drainage and passenger tunnels; relocate/replace lighting, landscaping, irrigation, utilities, and parking to construct entrance road.
	13	2,000,000	Land.
Winslow Winslow Municipal	03	611,322	Construct apron; install taxiway lighting; mark taxiway, construct taxiway; construct access road; drainage, fencing; acquire snow removal equipment and crash/fire/rescue equipment.
<u>ARKANSAS</u>			
Byltheville Blytheville Municipal	03	67,000	Strengthen apron and taxiway.
DeQueen Sevier County	01	333,000	Rehabilitate runway, taxiway, apron and taxiway turnarounds.
Dumas Dumas Municipal	01	205,159	Construct runway and taxiway.
Fort Smith Fort Smith Municipal	11	475,882	Reconstruct and extend apron; drainage; construct snow removal equipment building; fencing.
Harrison Boone City	06	144,854	Land.
Hot Springs Hot Springs Memorial	10	172,723	Install runway lighting system, taxiway lighting system, beacon and REILS.
Little Rock Adams Field	15	665,480	Construct maintenance/equipment building; relocate lighting regulators; install fencing (security gates); obstruction lighting/markings or removal; relocate taxiway.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ARKANSAS (cont'd)</u>			
	16	\$ 630,242	Relocate taxiway; seal coat apron.
Morrilton Morrilton Municipal	02	310,222	Land; construct runway, taxiway and apron.
Osceola Osceola Municipal	03	111,435	Land; extend runway and runway lighting system.
Texarkana Texarkana	11	144,337	Land; install beacon.
West Memphis West Memphis Municipal	04	300,000	Land.
<u>CALIFORNIA</u>			
Alturas Alturas Municipal	01	800,000	Reconstruct, widen, and extend runway, and taxiway turnarounds; mark runway; drainage; install runway lighting system.
Arcata Arcata	07	44,039	Acquire crash/fire/rescue equipment.
	08	547,541	Obstruction removal; fencing; install runway and taxiway lighting system; reconstruct apron; construct airport access road; drainage.
Bakersfield Meadows Field	07	182,700	Acquire crash/fire/rescue equipment.
	08	954,019	Overlay runway and taxiway; groove and mark runway.
Burbank Burbank-Glendale-Pasadena	05	11,488,764	Land and improvements.
Chico Chico Municipal	08	183,441	Construct access roads.
Chino Chino	03	1,646,300	Reconstruct, strengthen, widen, mark, and seal coat runway; install runway lighting system; relocate and mark taxiway; seal coat apron; light apron; reconstruct apron.
Columbia Columbia	05	459,533	Install non directional beacon and automatic weather reporting equipment; mark and light runways; obstruction removal; drainage; extend and mark taxiway; construct access road; fencing; extend apron.
Crescent City Jack McNamara Field	08	148,568	Overlay and mark taxiway.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>CALIFORNIA (cont'd)</u>			
Fortuna Rohnerville	01	\$ 305,100	Overlay and mark runway, taxiway and apron; drainage.
Fresno Fresno Air Terminal	10	1,499,732	Construct, extend, mark and light taxiways; reconstruct and mark aprons.
Hollister Hollister Municipal	03	105,750	Land.
Imperial Imperial County	07	380,700	Land and relocation assistance.
Livermore Livermore Municipal	03	438,514	Site grading for ILS; place powerlines under ground; construct taxiway; extend apron; drainage.
Long Beach Long Beach	09	835,699	Extend Lakewood Boulevard and Spring Street tunnels; extend taxiways.
Los Angeles Los Angeles International	13	1,719,481	Land.
Marysville Yuba County	04	191,427	Site grading for ILS; install runway lighting system; mark runway; obstruction removal.
Merced Merced Municipal	05	281,833	Fencing; reconstruct and mark apron; drainage.
Modesto Modesto City-County	08	234,000	Construct, mark and light apron; drainage; construct, mark and light access road; relocate fencing.
Montague Siskiyou County	02	450,000	Overlay and mark runway.
Monterey Monterey Peninsula	08	1,077,831	Overlay (friction course) and mark runway; overlay, widen and mark taxiway; reconstruct apron.
Needles Needles	01	567,900	Overlay and mark runway and taxiways.
Novato Gross Field	03	334,800	Overlay, light and mark runway and taxiways; drainage.
Oakland Metropolitan Oakland International	10	1,788,203	Reconstruct and mark taxiway; stabilize shoulders and modify lighting for taxiways; expand apron; drainage; light and mark apron.
Oxnard Oxnard	02	246,113	Land.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>CALIFORNIA (cont'd)</u>			
Paso Robles Paso Robles Municipal	04	\$ 241,200	Reconstruct and mark taxiway; extend and mark taxiway; expand and mark apron.
Porterville Porterville Municipal	03	204,290	Fencing; expand apron; construct and mark service road.
Red Bluff Red Bluff Municipal	02	918,000	Site preparation for runway and taxiway extension and holding aprons; drainage; acquire crash/fire/rescue equipment.
Sacramento Sacramento Municipal	10	155,187	Acquire crash/fire/rescue equipment.
San Carlos San Carlos	04	882,000	Land and relocation assistance.
San Diego Gillespie Field	04	200,000	Land.
San Diego San Diego International Lindbergh Field	10	5,324,860	Overlay, mark and groove runway; overlay and mark taxiways; replace and modify runway lighting system.
	11	614,160	Modify runway lighting system; install standby generator.
San Francisco San Francisco International	11	2,136,697	Groove runways; reconstruct overlay and mark runway; reconstruct perimeter dike; reconstruct service road; drainage; reconstruct apron.
San Jose San Jose Municipal	12	3,838,498	Land; construct apron; extend, light and mark taxiways; drainage; relocation assistance; obstruction removal and site clearance.
San Luis Obispo San Luis Obispo County	04	691,453	Fencing; overlay and mark runway; land; obstruction removal; relocation assistance.
Santa Ana John Wayne (Orange County)	06	4,483,424	Land.
Santa Barbara Santa Barbara Municipal	07	780,543	Overlay and mark runway, taxiways and aprons.
Santa Maria Santa Maria	08	179,875	Fencing.
	09	69,147	Reconstruct and mark taxiways; drainage.



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>CALIFORNIA (cont'd)</u>			
Santa Rosa Sonoma County	08	\$ 152,095	Reconstruct and mark taxiways; drainage; relocate taxiway lighting.
South Lake Tahoe Lake Tahoe	05	199,460	Acquire crash/fire/rescue equipment.
	06	247,500	Acquire and install localizer facility (LOC) with Distance Measuring Equipment (DME).
Stockton Stockton Metropolitan	13	575,457	Overlay and mark runway; raise runway lights; construct apron; relocate fence.
Tracy Tracy Municipal	02	380,509	Overlay and mark runway and taxiway; drainage.
Twentynine Palms Twentynine Palms	01	319,900	Overlay and mark runway; construct apron.
Vacaville Nut Tree	04	325,714	Land; replace beacon.
	05	103,500	Land; obstruction removal.
Visalia Visalia Municipal	06	149,523	Construct and mark apron and taxiway; drainage.
Watsonville Watsonville Municipal	06	229,939	Construct and mark apron; drainage.
Yreka Weed	03	69,412	Construct and mark taxiways and apron.
<u>COLORADO</u>			
Aspen Aspen-Pitkin County	07	540,000	Land.
	08	85,500	Construct crash/fire/rescue equipment building; construct taxiway.
Burlington Kit Carson County	02	230,000	Land.
Colorado Springs Colorado Springs Municipal	09	431,887	Install taxi guidance signs; acquire snow removal equipment.
Cortez Cortez-Montezuma County	04	293,364	Land; relocation assistance.
Denver Arapahoe County	10	365,203	Install apron lighting; acquire snow removal equipment.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>COLORADO (cont'd)</u>			
Denver Jefferson County	07	\$ 500,000	Rehabilitate apron.
Durango Durango-LaPlata County	05	108,269	Site preparation for localizer; mark runway.
Eagle Eagle County	01	375,000	Resurface and mark runway, taxiways and apron; replace rotating beacon.
Grand Junction Walker Field	07	1,265,009	Site preparation for apron and terminal building.
Greeley Weld County Municipal	03	1,800,000	Land; extend, mark and light runway and taxiway; construct and mark taxiway; expand apron.
Gunnison Gunnison County	04	790,972	Fencing; floodlighting; construct and mark apron and taxiway.
Hayden Yamda Valley	05	317,000	Reconstruct and overlay apron; overlay taxiway; construct and mark taxiway; install taxiway guidance signs.
Leadville Lake County Airport	01	358,600	Rehabilitate, extend and mark runway.
Montrose Montrose County	06	274,032	Land; relocation assistance.
Pueblo Pueblo Municipal	09	171,915	Rehabilitate and mark runway; security gate.
Rifle Garfield County	02	610,317	Site preparation for new runway; acquire airport operations; relocation assistance.
<u>CONNECTICUT</u>			
Bridgeport Igor I. Sikorsky Memorial	08	705,266	Overlay and mark runway.
Danbury Danbury Municipal	07	48,150	Acquire snow removal equipment.
Danielson Danielson	01	26,464	Acquire snow removal equipment.
New Haven Tweed-New Haven	13	261,000	Land.
Williamantic Windham Airport	01	144,984	Fencing; acquire snow removal equipment.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>CONNECTICUT (cont'd)</u>			
Windsor Locks Bradley International	11	\$1,929,000	Construct apron.
	12	291,429	Acquire snow removal equipment.
	13	100,328	Construct sand storage building; install beacon.
	14	266,250	Construct taxiway; drainage.
<u>DELAWARE</u>			
Wilmington Greater Wilmington	09	164,300	Construct, mark and light taxiway.
<u>FLORIDA</u>			
Cocoa Merritt Island	05	118,800	Construct, mark and light apron.
Crestview Bob Sikes	02	513,961	Overlay and mark runway and taxiway; drainage; overlay apron.
Daytona Daytona Beach Regional	09	553,734	Rehabilitate electrical service to instrument landing system; overlay and expand apron; construct, mark and light taxiways; drainage; relocate security fencing.
	10	709,367	Land.
Fernandina Beach Fernandina Beach Municipal	02	134,877	Fencing; obstruction removal; overlay taxiway.
Fort Lauderdale Fort Lauderdale Executive	02	1,137,510	Site preparation for glide slope and approach lights; construct extended runway safety areas.
Fort Lauderdale Fort Lauderdale-Hollywood International	10	5,858,056	Land; acquire crash/fire/rescue equipment; expand crash/fire/rescue building; reconstruct, mark and light taxiways and taxiway fillets; construct, mark and light taxiways; widen, mark and light apron.
Fort Meyers Southwest Florida Regional	06	2,256,720	Site preparation for: aprons; taxiways; terminal building; service road; related buildings and facilities.
	07	3,750,000	Pave and mark runway and taxiway; fencing.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>FLORIDA (cont'd)</u>			
Gainesville Gainesville Regional	11	\$ 611,749	Construct, mark and light taxiway; strengthen apron; construct apron and run-up pads; install runway lighting system; drainage; install taxiway guidance signs and lighted wind cone.
Jacksonville Herlong	02	278,179	Overlay, mark and light runway; install radio lighting controls; install beacon; construct apron and extended runway safety areas.
Jacksonville Jacksonville International	09	53,800	Groove runway.
	10	3,720,564	Reconstruct and expand aprons.
Key West Key West International	05	520,492	Expand aprons; acquire crash/-fire/rescue; grade safety areas.
Leesburg Leesburg Municipal	01	561,000	Reconstruct, mark and light runway; construct segmented circle; install radio lighting controls; construct runway safety areas.
Miami Miami International	16	4,352,328	Pave and mark taxiways and aprons; land.
Melbourne Melbourne Regional	11	663,013	Construct and mark runway; relocate security fence.
Orlando Orlando International	12	302,760	Replace runway lighting system; replace emergency generator; install taxiway guidance signs; groove runway.
Panama City Panama City-Bay County	09	1,085,131	Construct and mark apron and taxiway; install fencing; land.
	10	84,600	Groove runway.
Pensacola Pensacola Regional	07	810,662	Strengthen, widen, mark and light taxiway.
St. Augustine St. Augustine	04	43,342	Rehabilitate runway lighting system; install lighted wind cone.
Sanford Sanford	07	16,020	Land.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>FLORIDA (cont'd)</u>			
Sarasota Sarasota-Bradenton	07	\$ 334,125	Construct and mark apron, taxiway and service road; light taxiway.
St. Petersburg St. Petersburg-Clearwater International	05	40,510	Relocate powerline.
Tallahassee Tallahassee Municipal	10	2,011,928	Overlay and expand apron; rehabilitate runway and taxiway lighting systems; install lighted wind indicator; construct, mark and light holding aprons; construct, mark and light taxiway; relocate hangar; construct extended runway safety area; relocate F.A.A. cables.
Tampa Tampa International	10	2,193,511	Widen and construct entrance road.
Valparaiso Okaloosa County Air Terminal	03	214,677	Strengthen apron and taxiway; construct jetway pads.
Venice Venice Municipal	01	131,254	Fencing.
Zephyrhills Zephyrhills Municipal	01	55,013	Install runway lighting; install radio lighting controls.
<u>GEORGIA</u>			
Albany Albany-Dougherty County	05	345,515	Construct crash/fire/rescue facility.
	06	160,430	Land; obstruction removal.
Atlanta DeKalb-Peachtree	04	785,362	Pave apron and taxiway; approach clearing.
Atlanta William B. Hartsfield International	18	1,183,421	Construct electrical vault; install runway and taxiway guidance signs.
	19	3,500,000	Land; relocation assistance.
	20	356,250	Groove runway.
Brunswick Malcolm-McKinnon	02	160,129	Install runway lighting system; obstruction lights and beacon; fencing.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>GEORGIA (cont'd)</u>			
Cairo Cairo-Grady County	01	240,272	Land; clearing; overlay runway, taxiway and apron; install runway lighting system; VASI-2 and beacon.
Columbus Columbus Metropolitan	07	83,958	Land; acquire crash/fire/rescue equipment.
	08	447,998	Strengthen apron and taxiways.
	09	493,650	Land; clearing.
Gainesville Gainesville-Lee Gilmer Municipal	02	145,530	Expand apron; construct taxiways; relocate wind cone and segmented circle.
Lawrenceville Gwinnett County	03	549,118	Land; clearing; drainage; fencing; install VASI-2; relocation assistance; modify runway lighting system.
Macon Herbert Smart	03	146,670	Install taxiway lighting system and VASI-2; fencing.
Macon Lewis B. Wilson	08	603,553	Modify taxiway lighting system; fencing; strengthen taxiway construct taxiway and access road.
Montezuma Montezuma Municipal	01	44,834	Install runway lighting system and beacon.
Moultrie Moultrie Municipal	03	137,421	Land; clearing; acquire crash/-fire/rescue equipment; relocate utilities; construct access road; modify terminal building.
Newnan Newnan-Coweta County	01	43,515	Land; clearing.
Savannah Savannah Municipal	07	2,048,427	Overlay, groove, and mark runway; clearing; construct blast pads.
Valdosta Valdosta Municipal	04	337,333	Expand apron; construct taxiways; groove and mark runway; install taxiway lighting system; install tie-downs.
<u>HAWAII</u>			
Hilo General Lyman Field	06	328,608	Construct and mark taxiway; drainage; install lighting.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>HAWAII (cont'd)</u>			
Honolulu Honolulu International	19	25,500	Obstruction removal.
	20	597,285	Groove, rehabilitate and mark runway.
Kahului Kahului	06	499,230	Construct taxiways and aprons; fencing; install fire hydrants and taxiway lighting; relocate powerline; drainage.
Kailua-Kona	03	108,540	Groove runway.
Lihue Lihue	08	6,012,215	Construct and mark runway, taxiways and blast pads; groove runway.
Mokuleia Dillingham Airfield	02	146,724	Fencing.
<u>IDAHO</u>			
Caldwell Caldwell Industrial	05	240,693	Land.
Coeur d'Alene Coeur d'Alene Air Terminal	06	122,500	Site preparation for ILS; grading; construct snow removal equipment building.
Bailey Friedman Memorial	06	188,000	Construct crash/fire/rescue and snow removal equipment building.
Idaho Falls Idaho Falls Municipal (Fanning Field)	05	194,990	Land; install passenger loading bridges; construct aircraft parking .
Jerome Jerome County	01	217,485	Reconstruct and mark apron and access road; expand apron; construct turnaround; mark taxiways; construct taxiways; fencing.
	02	56,700	Land.
Kellogg Shoshone County	01	171,462	Land; rehabilitate and mark runway, taxiway and apron; fencing.
Lewiston Lewiston-Nez Perce County	10	550,852	Land; rehabilitate and mark taxiway; construct taxiways and apron.
Pocatello Pocatello Municipal	08	406,800	Land; install runway and taxiway lighting system; fencing; modify apron lighting; acquire snow removal equipment.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>IDAHO (cont'd)</u>			
Twin Falls Twin Falls City-County (Joslin Field)	09	\$ 390,000	Relocate localizer; construct sand storage facility; site preparation for runway extension.
<u>ILLINOIS</u>			
Aurora Aurora Municipal	02	94,140	Acquire snow removal equipment.
	03	70,200	Replace runway lighting system; REILS and beacon; install radio controls for lighting system.
Bloomington Bloomington-Normal	07	508,364	Reconstruct, expand and mark ramp.
Canton Ingersoll	03	379,350	Overlay and mark runway and taxiway.
Champaign University of Illinois-Willard	06	1,139,940	Extend, mark and light apron; overlay and mark taxiways.
Chicago O'Hare International	13	8,184,778	Acquire snow removal and crash/-fire/rescue equipment; rehabilitate and modify terminal buildings; rehabilitate taxiway lighting system.
	14	10,469,376	Land; construct building for snow removal equipment and facilities.
Danville Vermillion County	03	137,700	Install standby generator; rehabilitate electrical vault; raise runway edge lights; relocate threshold lights.
Decatur Decatur	07	327,290	Overlay apron; reconstruct taxiways; construct service road.
East St. Louis Bi-State Parks	06	567,000	Construct and mark access road.
Effingham Effingham County Memorial	05	525,000	Construct turf runway; relocate road and utility lines; fencing.
Freeport Albertus	01	578,571	Land; overlay and mark runway.
Galesburg Galesburg Municipal	06	185,400	Expand, light and mark apron, including tie-downs.
Jacksonville Jacksonville Municipal	04	72,900	Apply skid resistant surface and mark runway, including portion of exit taxiway.



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>ILLINOIS (cont'd)</u>			
Litchfield Litchfield Municipal	02	\$ 61,200	Apply skid resistant surface and mark runway.
Marion Williamson County	06	189,000	Apply skid resistant surface and mark runway and portion of taxiways.
Mattoon Coles County Memorial	05	100,208	Rehabilitate runway and taxiway lighting; acquire snow removal equipment.
Moline Quad City	08	1,988,416	Site preparation for apron expansion; relocate T-Hangars fuel facilities and utilities; expand apron; fencing.
Mt. Vernon Mt. Vernon-Outland	07	144,854	Install runway lighting system and REILS: construct, mark and light taxiway; fencing.
Peoria Greater Peoria	08	920,000	Land; relocation assistance; construct building for crash/-fire/rescue equipment; acquire snow removal equipment.
Quincy Quincy Municipal-Baldwin Field	05	231,008	Rehabilitate taxiway lighting; acquire snow removal equipment.
Rockford Greater Rockford	07	495,900	Construct, mark and light taxiway; overlay and light taxiway;
Taylorville Taylorville Municipal	01	189,000	Overlay and mark runway; taxiways and apron.
Springfield Capital	09	822,600	Construct and mark apron, service road and taxiways; fencing.
West Chicago Dupage	04	361,854	Overlay and mark runway.
<u>INDIANA</u>			
Connersville Mettel Field	02	225,000	Relocate county road.
Elkhart Elkhart Municipal	04	287,200	Overlay and mark runway; modify runway lighting system; obstruction removal.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>INDIANA (cont'd)</u>			
Evansville Evansville Dress Regional	06	\$2,150,100	Overlay, groove and mark runway; raise and rehabilitate runway lights; expand apron; install taxiway guidance signs; construct snow removal equipment building and deicing materials storage building, acquire crash/fire/rescue vehicles; install beacon; construct taxiway.
French Lick French Lick Municipal	02	2,400,000	Construct, light and mark extension to runway and taxiway; construct, mark and light turnaround; overlay and mark runway, apron and taxiway; install VASI-4; relocate county road and powerlines obstruction removal.
Gary Gary Municipal	05	2,000,000	Land; relocation assistance; reconstruct and light access road; extend, light and mark taxiway; expand apron; fencing; construct access road; drainage; install standby power system.
Huntington Huntington Municipal	01	225,000	Overlay and mark runway, taxiway, turnaround and apron; expand apron; rehabilitate runway lighting.
Indianapolis Indianapolis International	11	87,000	Acquire crash/fire/rescue equipment.
	12	577,875	Construct service road; relocate fence; construct blast fence; install airfield directional signs.
	13	348,772	Construct sound attenuation barrier.
	14	1,110,107	Land; relocation assistance.
Indianapolis Mount Comfort	03	2,700,000	Extend, light and mark runway and taxiway; construct light and mark taxiways and apron; strengthen taxiways; expand apron; land; relocation assistance.
Jeffersonville Clark County	03	1,600,000	Land; construct, light and mark runway; light runway; construct, light and mark taxiway; construct and mark aprons; fencing; install beacon, electrical vault, VASI-2, and lighted wind cone.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>INDIANA (cont'd)</u>			
Kokomo Kokomo Municipal	04	\$ 153,000	Land; obstruction removal; rehabilitate lighting; relocate VASIs and REILs; install new beacon with tower; modify electrical vault; fencing; mark runway.
Lafayette Purdue University	04	256,500	Construct snow removal equipment building.
Madison Madison Municipal	01	317,050	Overlay and mark runway, taxiways and aprons; expand apron.
Portland Portland Municipal (Steed Field)	01	1,379,000	Land; construct, light and mark runway and taxiways; install REILs; strengthen and extend apron; install beacon, wind cone, and segmented circle; relocate NDB; obstruction removal.
South Bend Michiana Regional	06	432,000	Expand, light and mark apron; construct service road; relocate threshold; drainage; install taxiway lighting.
Terra Haute Hulman Field	05	746,641	Overlay, mark and light runway; acquire snow removal equipment.
Valparaiso Porter County Municipal	02	270,000	Install glide slope, middle marker and modify runway lights; relocate wind cone, wind tee, beacon, segmented circle and obstruction lighting.
Warsaw Warsaw Municipal	03	2,500,000	Land; construct, light and mark runway; construct and mark taxiways, apron and road; relocate beacon and electrical vault; install REILs, wind cone, segmented circle, obstruction lighting, and mark obstructions.
<u>IOWA</u>			
Burlington Burlington Municipal	05	329,197	Land; rehabilitate runway lighting; fencing; improve terminal building.
Cedar Rapids Cedar Rapids Municipal	08	476,050	Land.
Clinton Clinton Municipal	03	400,000	Resurface, light and mark runway; construct turnarounds; expand apron.
Des Moines Des Moines Municipal	04	2,679,520	Relocate taxiway and fencing; modify fencing; construct entrance road.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>IOWA (cont'd)</u>			
DuBuque DuBuque Municipal	06	\$ 54,328	Acquire snow removal equipment.
Fort Dodge Fort Dodge Municipal	06	54,000	Acquire snow removal equipment.
Mason City Mason City Municipal	05	203,615	Construct crash/fire/rescue and snow removal equipment building.
Osceola Osceola Municipal	01	209,503	Land; fencing.
Ottumwa Ottumwa Industrial	05	206,474	Acquire snow removal equipment.
Shenandoah Shenandoah Municipal	01	292,500	Land; fencing.
Sac City Sac City Municipal	02	106,398	Land.
Sioux City Sioux City Municipal	06	960,000	Acquire snow removal equipment; groove runway; resurface taxiway, entrance road and access road. drainage; fencing.
Vinton Vinton Veterans Memorial Airpark	01	157,050	Land; fencing.
Waterloo Waterloo Municipal	07	772,739	Resurface, mark and light runway; modify public facilities for handicapped; acquire snow removal equipment; install lighted wind indicators.
<u>KANSAS</u>			
Colby Shalz Field	02	395,290	Land; reconstruct, widen, mark and light runway; install VASI-2 and radio control for lighting system; grading.
Fort Scott Fort Scott Municipal	01	454,754	Land; reconstruct, widen, light and mark runway; overlay and mark taxiway; relocate VASI and REILs; seeding; grading.
Great Bend Great Bend Municipal	04	179,252	Overlay and seal coat aprons; install reflectors on taxiway, segmented circle and wind cones; drainage.
Goodland Renner Field/Goodland Municipal	06	90,000	Land.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>KANSAS (cont'd)</u>			
Hutchinson Hutchinson Municipal	03	\$ 105,000	Acquire snow removal equipment.
Lawrence Lawrence Municipal	03	1,552,000	Land; construct, mark and light runway; construct and mark taxiway and apron; grading; drainage; sealing.
Manhattan Manhattan Municipal	04	915,000	Construct, mark and light taxiways; install taxiway guidance signs.
Olathe Executive Johnson County	04	292,510	Construct and mark taxiways and access road; overlay and mark taxiway; drainage; seeding.
Parsons Tri-City	03	358,200	Land; drainage; seeding.
Topeka Forbes Field	04	368,472	Construct entrance road, including lighting, sidewalks and landscaping.
Wichita Comotara Airport	01	1,907,490	Land; grading; construct apron; install segmented circle and wind cone; drainage; seeding.
Wichita Wichita Mid-Continent	11	575,000	Land.
<u>KENTUCKY</u>			
Bowling Green Bowling Green-Warren County	02	36,000	Land; obstruction removal.
Covington Greater Cincinnati International	16	3,370,495	Reconstruct, mark, groove and light runway.
Glasgow Glasgow Municipal	01	306,586	Land; construct and mark taxiway; install taxiway lighting system.
Henderson Henderson City-County	02	175,950	Construct, mark and light taxiway;; obstruction removal and lighting.
Lexington Blue Grass	09	1,243,142	Land; acquire crash/fire/rescue equipment; site preparation for apron; relocate road and utilities; drainage.
Louisville Standiford Field	17	601,334	Construct entrance road.
Mt. Sterling Mt. Sterling-Montgomery County	01	221,048	Land; obstruction removal; construct and mark apron and taxiways.

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>KENTUCKY (cont'd)</u>			
Owensboro Owensboro-Daviess County	06	\$ 265,500	Construct, mark and light taxiway; construct apron.
Paducah Barkley Regional	12	383,465	Land; obstruction removal; reconstruct, mark and light runway.
Somerset Somerset-Pulaski County	05	447,900	Extend, mark and light runway; extend and mark taxiway; strengthen runway, taxiway and apron; install taxiway lighting system; install automatic weather reporting equipment.
	06	1,522,100	Land; relocation assistance; structures removal.
<u>LOUISIANA</u>			
Baton Rouge Ryan	12	180,000	Groove and mark runway.
	13	813,305	Improve extended runway safety area.
	14	779,604	Extend apron.
Eunice Eunice Municipal	01	421,000	Construct and mark taxiways and apron; drainage.
Golden Meadow LaFourch Parish	01	250,000	Construct, mark and light helicopter landing pad; construct taxiways and parking pads; install beacon.
Hammond Hammond Municipal	02	341,520	Reconstruct runway; construct taxiways and fillet; approach clearing.
Lafayette Lafayette Regional	10	571,229	Expand aprons; construct access road; fencing.
New Orleans New Orleans International	13	1,835,000	Reconstruct portions of runway; groove and mark runway.
	14	146,000	Acquire crash/fire/rescue equipment.
	15	1,507,134	Land.
	16	1,305,000	Land.
New Orleans New Orleans Lakefront	10	1,456,400	Extend and mark runway and taxiways.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>LOUISIANA (cont'd)</u>			
Reserve St. John	01	\$ 535,500	Land.
Shreveport Shreveport Regional	11	207,000	Land.
	12	943,200	Construct apron and taxiway; fencing.
	13	500,000	Land.
Slidell Slidell	02	980,000	Construct and mark runway, taxiways, apron and turnarounds; land.
<u>MAINE</u>			
Auburn Auburn-Lewiston Municipal	08	156,853	Glide slope site preparation; relocate VASI; mark runway; acquire snow removal equipment.
Augusta Augusta State	07	2,108,687	Land; site preparation for runway extension.
	09	375,000	Construct, mark and light runway extension.
Bangor Bangor International	08	144,000	Rehabilitate runway, taxiways and apron.
	09	692,640	Overlay and mark taxiway; rehabilitate and mark taxiway; drainage improvements.
	10	600,000	Improve terminal building.
Bar Harbor Bar Harbor	07	153,000	Glide slope site preparation; extend runway safety area.
Caribou Caribou Municipal	01	130,500	Construct apron and taxiway; install safety fence.
Frenchville Northern Arcoostook Regional	02	157,500	Expand apron; construct taxiways; install REILS and remote lighting control; install security fencing.
Lincoln Lincoln Municipal	03	176,400	Widen, mark and light runway; construct taxiway; install safety fencing; obstruction removal.
Portland Portland International Jetport	19	59,512	Acquire snow removal equipment.
	22	202,500	Reconstruct and mark taxiway; construct aprons.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MAINE (cont'd)</u>			
Presque Isle Northern Maine Regional	07	\$ 118,800	Reconstruct, overlay and mark runway.
Waterville Waterville-Robert LaFleur Municipal	07	288,311	Land; obstruction removal; re-habilitate and mark runway; extend runway safety area; relocate access road; install safety fence.
<u>MARYLAND</u>			
Baltimore Baltimore-Washington International	16	4,256,189	Site preparation for general aviation compl x; construct, mark and light runway, taxiways, apron and access road.
	17	2,187,198	Construct, mark and light aprons and access road; reconstruct taxiways.
	18	217,115	Acquire snow removal equipment; install remote surface monitoring system.
	19	215,535	Reconstruct runway.
Cambridge Cambridge-Dorchester Municipal	03	151,010	Construct taxiway; relocate wind cone.
Cumberland Cumberland Municipal	03	181,080	Install obstruction lighting; land.
Frederick Frederick Municipal	04	589,112	Reconstruct, resurface, mark and light runway.
Hagerstown Hagerstown Regional	05	549,900	Construct taxiways; install runway lighting; land.
Ocean City Ocean City	04	333,512	Extend, mark and light runway; construct taxiway; relocate REILS; mark taxiway.
Salisbury Salisbury-Wicomico County Regional	05	370,000	Install taxiway lighting; construct apron; mark taxiway.
Westminster Carroll County	03	110,443	Obstruction removal; extend, light and mark runway and taxiway; widen runway; construct taxiway.
<u>MASSACHUSETTS</u>			
Bedford L.G. Hanscom Field	12	1,000,000	Rehabilitate and mark runway; overlay and mark taxiways; lighting improvements.



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MASSACHUSETTS (cont'd)</u>			
Beverly Beverly Municipal	08	\$ 394,142	Approach clearing; reconstruct and mark taxiway and apron.
Boston Logan International	29	2,143,695	Reconstruct terminal apron; rehabilitate and mark taxiway.
	30	1,828,305	Construct taxiway; widen taxiway fillets; pave perimeter road; improve approach lighting; install taxiway signs.
	31	381,044	Improve approach lighting; install touchdown zone lighting.
Fall River Fall River Municipal	02	150,750	Reconstruct, overlay, expand and mark apron; install security fencing; mark runway.
Hyannis Barnstable Municipal	08	68,960	Construct remote run-up area and access taxiway.
	09	350,574	Construct, light and mark taxiway; mark runway; construct service road; install security fencing.
Lawrence Lawrence Municipal	07	95,142	Glide slope site preparation.
	08	80,100	Rehabilitate runway lighting; install taxiway lighting; displace runway threshold; obstruction removal.
Mansfield Mansfield Municipal	02	306,000	Construct apron; reconstruct taxiway.
Marshfield Marshfield Municipal	02	55,800	Install safety fencing.
Martha's Vineyard Martha's Vineyard	05	122,400	Acquire snow removal equipment.
Nantucket Nantucket Memorial	06	282,060	Construct crash/fire/rescue building; land.
New Bedford New Bedford Municipal	08	139,500	Rehabilitate runway lighting; replace generators and vault service.
	09	101,700	Install security fencing; extend runway safety area.
Pittsfield Pittsfield Municipal	05	166,996	Land.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MASSACHUSETTS (cont'd)</u>			
	10	\$ 306,000	Reconstruct, overlay and mark runway; rehabilitate runway lighting; mark runway.
Plymouth Plymouth Municipal	12	122,850	Land.
Provincetown Provincetown Municipal	07	219,600	Site preparation for ILS.
Worcester Worcester Municipal	08	162,000	Reconstruct, overlay, widen and mark taxiways.
<u>MICHIGAN</u>			
Alpena Phelps Collins	04	239,489	Construct snow removal equipment building; install security fencing; construct and light entrance road.
Battle Creek W.K. Kellogg Regional	07	242,020	Construct snow removal equipment building.
Bellaire Antrim County	01	685,800	Overlay and mark runways, taxiways and apron; construct and mark taxiways.
Benton Harbor Ross Field	04	337,500	Land; relocation assistance; obstruction removal; install perimeter fencing.
Coldwater Branch County Memorial	01	849,227	Land; construct, light and mark runway and taxiway; expand apron; lighting modifications.
Detroit Detroit City	06	485,730	Overlay and mark runway.
Detroit Detroit-Metro Wayne County	14	1,268,535	Acquire snow removal equipment; acquire crash/fire/rescue equipment.
	15	3,512,066	Reconstruct taxiways; construct, light and mark taxiway; construct and widen access road; enlarge crash/fire/rescue building; reconstruct apron.
Detroit Willow Run	05	421,438	Expand, light and mark apron.
Escanaba Delta County	05	137,734	Install security fencing; drainage improvements; expand apron.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MICHIGAN (cont'd)</u>			
Flint Bishop	07	\$1,462,188	Land; relocation assistance; install taxiway guidance signs; reconstruct and strengthen aprons; reconstruct access road.
Danmark Houghton County Memorial	04	293,101	Expand and remodel terminal building; install emergency generator in new building.
Leoni Mountain-Kingsford Jr. H	05	108,000	Install runway lighting.
Flint General Municipal	03	191,475	Acquire crash/fire/rescue vehicle.
Flint Jackson County-Reynolds Field	04	916,888	Land; obstruction removal, reconstruct, light and mark runway; overlay and mark taxiway; extend runway safety area.
Flint Volunteer Municipal	06	1,221,624	Construct crash/fire/rescue building; install security fencing; overlay and mark runway; modify taxiway lighting; acquire snow removal equipment; groove runway.
Flint General Municipal	05	777,870	Acquire crash/fire/rescue vehicle; construct crash/fire/-rescue building.
Flint Macomb County-Blacker	04	410,343	Acquire snow removal equipment; overlay and mark runway, apron and taxiway.
Flint Macomb County	08	1,014,460	Rehabilitate, strengthen, widen and mark runway; relocate runway lights.
Flint Macomb County	01	165,000	Construct, mark and light taxiways; install safety fencing.
Flint Macomb County	05	391,005	Land.
Flint Macomb County	06	428,400	Overlay and mark runway.
Flint Macomb County	04	134,323	Site preparation for ILS; obstruction removal.
Flint Macomb County	08	803,916	Land; relocation assistance; construct snow removal equipment building; install water supply for aircraft fire protection.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MICHIGAN (cont'd)</u>			
Traverse City Cherry Capital	07	\$ 603,446	Acquire crash/fire/rescue vehicle; mark runway.
<u>MINNESOTA</u>			
Baudette Baudette International	01	1,546,543	Land; construct, mark and light runway; extend and mark apron; construct and mark taxiways; drainage improvements; install VASI-2 and REILS; electrical and lighting improvements; obstruction removal.
Brainerd Brainerd-Crow Wing County	03	1,042,625	Extend taxiway; construct apron; install security fencing; install runway lighting; construct terminal building; reconstruct runway and taxiway; install emergency generator.
Hibbing Chisholm-Hibbing Municipal	05	135,000	Acquire snow removal equipment.
International Falls Falls International	06	148,664	Land; extend runway safety area; modify crash/fire/rescue building; acquire snow removal equipment.
Minneapolis-St. Paul Minneapolis-St. Paul International	14	1,268,625	Modify storm drainage system.
	15	1,652,140	Rehabilitate runway and taxiway; expand snow removal equipment building.
Rochester Rochester Municipal	09	570,230	Modify terminal building; overlay and mark taxiways.
St. James St. James Municipal	01	778,887	Land; relocation assistance.
Silver Bay Silver Bay Municipal	01	283,798	Reconstruct, overlay and mark runway and taxiway; drainage improvements.
Thief River Falls Thief River Falls Regional	06	150,440	Remodel terminal building; expand apron; enlarge crash/fire/rescue building.
<u>MISSISSIPPI</u>			
Clarksdale Fletcher Field	04	8,100	Relocate powerline.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MISSISSIPPI (cont'd)</u>			
Columbus Golden Triangle Regional	09	\$ 94,607	Modify lighting controls; install taxiway lighting; install security fencing; reconstruct and strengthen service road.
Greenville Greenville International	04	219,600	Groove and mark runway.
Greenwood Greenwood-Leflore	04	75,600	Land.
Gulfport Gulfport-Biloxi Regional	07	553,492	Construct terminal building.
	08	1,177,796	Construct and light apron; mark and light taxiway; install security fencing; install blast fence.
Jackson Hawkins Field	06	57,252	Obstruction removal.
Laurel-Hattiesburg Pine Belt Regional	07	298,829	Apply porous friction course and mark runway.
Meridian Key Field	05	394,740	Strengthen and mark taxiway; install safety and security fencing.
Natchez Hardy-Anders Field	06	1,241,100	Site preparation for runway and runway safety area extension; extend runway safety area.
	07	207,000	Pave, mark and light runway extension.
Okolona Okolona Municipal	02	402,120	Construct and mark runway, taxiway, and apron; install safety fencing.
Oxford University-Oxford	05	32,588	Land.
	06	271,062	Expand apron; construct and mark taxiways.
Tunica Tunica	02	106,540	Land.
	03	37,260	Install runway and taxiway lighting.
Tupelo C.D. Lemons Municipal	08	148,793	Land.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MISSOURI</u>			
Albany Albany Municipal	02	\$ 120,873	Land; construct and mark runway, taxiway and apron; install fencing; obstruction removal.
Cape Girardeau Cape Girardeau	06	415,030	Construct and mark taxiways; expand terminal building; modify storm drainage.
Chillicothe Chillicothe Municipal	01	787,000	Land; reconstruct, overlay, extend and light runway.
Columbia Columbia Regional	07	144,800	Acquire crash/fire/rescue vehicle.
	08	228,809	Overlay access road; modify storm drainage; modify security fencing; construct service road; construct taxiways.
Houston Houston Memorial	01	285,255	Land.
Kaiser/Lake Ozark Lee C. Fine Memorial	02	353,295	Land.
Kansas City Kansas City International	15	75,660	Site preparation for ILS.
	16	6,652,786	Reconstruct, overlay and light taxiways; extend and light taxiways; overlay access roads; extend and light service road.
Lebanon Floyd W. Jones	02	600,000	Land; extend, mark and light runway; construct and light taxiways; install fencing.
Macon Macon-Power Memorial	01	309,546	Land; extend, widen, mark and light runway; expand apron; obstruction removal; install fencing; drainage improvements.
Maryville Maryville Municipal	02	32,280	Install runway lighting; install taxiway markers.
Sikeston Sikeston Memorial Municipal	02	277,456	Land; obstruction removal.
Springfield Springfield Regional	13	1,148,490	Install storm drainage system; acquire snow removal equipment.
St. Louis Lambert-St. Louis International	14	7,000,000	Overlay, mark and light runway; construct lighting vault; grade for runway extension; relocate road and utilities; install fencing.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MISSOURI (cont'd)</u>			
	15	\$4,502,665	Extend, mark and light runway and taxiways; groove runway; install generator and vault equipment.
<u>MONTANA</u>			
Bozeman Gallatin Field	08	398,250	Acquire snow removal equipment; land.
Butte Bert Mooney	08	706,976	Overlay and mark runway.
Circle Circle Town-County	01	544,500	Land; extend, widen, overlay and mark runway; relocate roads; install fencing.
Glasgow Glasgow International	04	166,500	Construct apron; extend fueling apron; install fencing; install apron lighting.
Hamilton Hamilton	02	331,920	Rehabilitate, light and mark runway; rehabilitate apron and taxiway.
Helena Helena	08	493,867	Apply rubberized friction course and remark runway.
Laurel Laurel Municipal	01	244,923	Rehabilitate and mark runway; rehabilitate, mark and extend apron and taxiway; construct and mark taxiways.
Lewiston Lewiston Municipal	03	293,364	Apply friction seal and mark runway; rehabilitate, resurface and mark taxiway; improve storm drainage.
Miles City Frank Wiley Field	05	229,500	Apply friction surface course and mark runways and taxiways.
Missoula Johnson Bell Field	08	126,000	Acquire snow removal equipment.
Sidney Sidney-Richland Municipal	05	432,000	Resurface and mark runway; install REILS; rehabilitate runway lighting; overlay apron; construct apron.
Stevensville Stevensville	03	414,496	Land; construct and mark runway, taxiway and apron; install fencing.
West Yellowstone Yellowstone	05	434,000	Apply friction surface course and mark runway; extend and mark apron; construct runway blast pads.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>MONTANA (cont'd)</u>			
Wolf Point Wolf Point International	03	\$ 63,925	Construct terminal, crash/fire/-rescue and snow removal equipment building.
<u>NEBRASKA</u>			
Alliance Alliance Municipal	06	75,018	Overlay apron; modify lighting.
Aurora Aurora Municipal	02	139,500	Land; construct and mark taxiways; extend and mark apron.
Chadron Chadron Municipal	04	207,418	Acquire snow removal equipment.
Columbus Columbus Municipal	05	119,700	Install taxiway lighting.
Grand Island Hall County Regional	09	289,814	Apply friction surface course and mark runway; acquire crash/-fire/rescue vehicle.
Hastings Hastings Municipal	07	68,400	Land.
Lincoln Lincoln Municipal	10	82,206	Site preparation for ILS.
McCook McCook Municipal	05	148,364	Construct and mark taxiway.
Omaha Eppley Airfield	12	1,121,775	Widen taxiways; modify taxiway lighting; install taxiway signs; install runway surface monitoring system; modify storm drainage system; acquire crash/fire/rescue vehicle.
Red Cloud Red Cloud Municipal	01	491,400	Land; construct and mark runway, taxiway and apron.
Sidney Sidney Municipal	03	439,281	Land; construct taxiway; modify security fencing.
Wahoo Wahoo Municipal	02	70,200	Land; construct taxiways; widen and extend apron.
<u>NEVADA</u>			
Elko Elko Municipal	05	1,661,316	Land; relocation assistance; site clearing.
Fallon Fallon Municipal	02	298,594	Extend and mark apron; resurface and mark runway; fencing.



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEVADA (cont'd)</u>			
Jackpot Jackpot	01	\$ 491,648	Land; reconstruct, widen, extend, and mark runway; fencing; reconstruct, construct and mark taxiway; construct apron; construct access road.
Las Vegas McCarran International	10	3,153,709	Acquire crash/fire/rescue vehicle; land; relocation assistance; obstruction removal.
Reno Cannon International	10	1,783,586	Construct, light and mark taxiways; extend security fencing.
	11	1,635,129	Relocate, light and mark taxiway.
Tonopah Tonopah	02	187,500	Install runway lighting; lighting improvements.
<u>NEW HAMPSHIRE</u>			
Keene Dillant-Hopkins	06	73,800	Land.
Lebanon Lebanon Regional	08	80,000	Construct terminal building (Phase II) including crash/fire/rescue space.
	09	31,050	Acquire snow removal equipment.
	10	60,750	Install VASI, wind cone and airport beacon.
	11	128,775	Construct snow removal equipment storage building.
Manchester Manchester Municipal	12	167,661	Improvements to crash/fire/rescue building.
Nashua Boire Field	05	356,400	Land.
	06	105,300	Install runway lighting; mark runway.
<u>NEW JERSEY</u>			
Atlantic City Atlantic City/Bader Field	04	828,000	Obstruction removal (powerline).
Caldwell Essex County	06	986,051	Obstruction removal; construct aprons; construct and mark parallel taxiway; rehabilitate/overlay and mark runway; construct runway safety area.

AD-A100 704

FEDERAL AVIATION ADMINISTRATION WASHINGTON DC ASSOCIA--ETC F/6 1/5  
OPERATIONS UNDER THE AIRPORT AND AIRWAY DEVELOPMENT ACT OF 1970--ETC(U)  
1980 V J MARTIN

UNCLASSIFIED

FAA-ARP-81-1

NL

OF 2  
AD-  
A100704



END

DATE

FILED

7-81

DTIC

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW JERSEY (cont'd)</u>			
Linden Linden	04	\$ 626,360	Overlay and mark runway; construct runway safety areas; install runway and taxiway lighting; obstruction removal.
Newark Newark International	37	167,902	Upgrade fuel storage facility (Phase III).
	40	3,688,559	Reconstruct runway; replace runway centerline lighting; install touchdown zone lighting system; upgrade service road.
	41	230,402	Construct runway safety areas.
	42	294,169	Rehabilitate portion of terminal departure road; rehabilitate taxiways.
	43	142,635	Groove runway.
	44	1,457,226	Construct terminal frontage road and other roadway improvements.
Trenton Mercer County	06	162,590	Acquire snow removal equipment.
Wildwood Cape May County	03	260,780	Land; clearing.
<u>NEW MEXICO</u>			
Alamogordo Alamogordo/White Sands Regional	07	132,454	Relocate utilities; construct access road; construct and mark taxiway; construct security fencing; install security lighting.
Albuquerque Albuquerque International	12	2,020,736	Rehabilitate, strengthen, groove and mark portion of runway.
Artesia Artesia Municipal	02	123,513	Rehabilitate and mark runway.
Carlsbad Cavern City Air Terminal	07	144,854	Rehabilitate apron (Phase I).
	08	25,898	Rehabilitate apron (Phase II).
Clovis Clovis Municipal	09	144,854	Construct apron; construct and mark taxiway; construct access/service road; install taxiway lighting.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW MEXICO (cont'd)</u>			
Las Cruces Las Cruces-Crawford Municipal	02	\$ 448,000	Overlay aprons; construct aprons and taxiway; install runway and apron lighting; install security fencing; construct runway safety area.
Farmington	10	157,191	Expand terminal (Phase II).
	11	101,129	Land.
Gallup Senator Clarke Field	09	244,750	Rehabilitate and mark runway (Phase II).
Grants Grants-Milan Municipal	03	58,756	Acquire snow removal equipment.
Hobbs Lea County (Hobbs)	12	154,754	Rehabilitate taxiway lights (Phase II); install taxiway lights.
Las Vegas Las Vegas Municipal	02	58,757	Acquire snow removal equipment.
Raton Crews Field	02	58,756	Acquire snow removal equipment.
	04	40,000	Construct snow removal equipment storage building.
Reserve Reserve	01	312,043	Pave and mark runway, taxiway and apron; install wind cone.
Ruidoso Ruidoso Municipal	06	88,505	Expand apron.
Roswell Roswell Industrial Air Center	07	178,517	Rehabilitate and mark portion of taxiway.
Santa Fe Santa Fe County Municipal	03	52,380	Mark runway.
Silver City Silver City-Grant County	05	14,808	Construct perimeter fence; acquire fire rescue suits.
	06	424,473	Overlay, groove and mark runway (Phase I).
Taos Taos Municipal	04	128,376	Construct snow removal equipment building; expand apron; install runway lighting; install beacon; install security fencing.
Zuni Black Rock	01	78,480	Acquire snow removal equipment.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW YORK</u>			
Albany Albany County	09	\$2,000,000	Land.
Batavia Genesee County	04	142,468	Expand apron.
Binghamton Broome County	08	141,262	Overlay apron.
Buffalo Greater Buffalo International	16	3,013,318	Expand terminal.
	17	1,314,283	Land; obstruction removal.
Cortland Cortland County	04	228,833	Overlay and mark runway.
Dansville Dansville Municipal	03	169,432	Overlay taxiways and apron; install taxiway and apron lighting.
East Hampton East Hampton	02	155,222	Install runway lighting and other lighting improvements; obstruction removal.
Endicott Tri-Cities	04	175,626	Install taxiway lighting.
Farmingdale Republic	07	560,938	Construct apron and access road.
Islip Long Island-MacArthur	09	120,000	Land; construct access road; install fencing.
	10	299,415	Drainage improvements.
Ithaca Tompkins County	08	261,408	Construct snow removal equipment storage building.
Malone Malone-Dufort	02	280,000	Install runway and taxiway lighting; land; obstruction removal.
Montgomery Orange County	05	337,583	Construct and mark taxiways; obstruction removal.
New York JFK International	32	121,468	Modify approach lighting system.
	38	1,043,812	Improve terminal roadways.
	39	1,359,899	Overlay taxiways and portion of runway.
	40	103,639	Lighting improvements.
	41	372,768	Reconstruct cargo service road; overlay perimeter service road; regroove runways; strengthen taxiways.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NEW YORK (cont'd)</u>			
New York LaGuardia	31	\$ 187,365	Upgrade drainage system.
	34	1,041,278	Overlay taxiway/runway intersection; grooving.
	35	352,338	Rehabilitate airport dike.
	36	2,789,565	Construct airport exit road.
Ogdensburg Ogdensburg International	05	327,468	Construct terminal apron, taxiway and access road.
Olean Olean Municipal	03	209,502	Construct and mark taxiway.
Oneonta Oneonta Municipal	03	187,501	Land; obstruction removal.
Perry Perry-Warsaw	01	398,769	Land; reconstruct and mark runway; construct runway safety areas.
Poughkeepsie Dutchess County	06	339,030	Overlay, mark and light runway; obstruction removal.
Rochester Rochester-Monroe County	10	1,128,379	Rehabilitate runway.
	11	1,090,000	Construct runway safety areas; reconstruct taxiways.
Syracuse Syracuse-Hancock Int'l	10	319,024	Overlay taxiways.
	11	326,270	Land.
	12	514,130	Overlay apron and taxiway; install taxiway lighting; mark runway.
<u>NORTH CAROLINA</u>			
Asheville Asheville Regional	06	157,050	Groove runway; acquire snow removal equipment.
Charlotte Douglas Municipal	17	1,805,875	Construct apron and taxiways; groove runway.
Erwin Harnett County	03	341,550	Land; pave, mark and light runway, taxiway and apron; lighting improvements.
Fayetteville Fayetteville Municipal	07	376,822	Strengthen and mark taxiways; groove runway.
Greensboro Greensboro/High Point/ Winston-Salem Regional	08	6,105,050	Construct, mark and light apron and taxiways; construct access roads.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NORTH CAROLINA (cont'd)</u>			
Greenville Pitt-Greenville	04	\$ 317,350	Land; approach clearing; install obstruction lights.
Jacksonville Albert J. Ellis	05	338,721	Expand terminal; expand aprons; groove runway.
Kinston Stallings Field	05	109,845	Install security and perimeter fencing.
Lumberton Lumberton Municipal	04	165,660	Rehabilitate taxiway; improve runway safety area.
New Bern Simmons-Nott	05	78,000	Land.
Oxford Henderson-Oxford	03	557,787	Extend and widen runway; approach clearing.
Raleigh Raleigh-Durham	09	1,338,750	Rehabilitate, strengthen and expand apron and runway; mark and light runway.
	10	363,987	Expand apron; install VASI-4; acquire crash/fire/rescue equipment.
Rocky Mount Rocky Mount-Wilson	05	169,681	Reconstruct access roads; install remote radio controls.
Sanford Sanford-Lee County	03	46,809	Obstruction clearing.
Sylva Jackson County	04	192,000	Land; relocation assistance; slope stabilization.
Wilmington New Hanover County	07	388,661	Land; obstruction clearing.
Winston-Salem Smith Reynolds	07	147,465	Strengthen access road; install apron lighting; install taxiway lighting; groove runway.
<u>NORTH DAKOTA</u>			
Bismark Bismark Municipal	08	512,372	Land; acquire crash/fire/rescue vehicle.
Grand Forks Grand Forks International	07	131,151	Acquire snow removal equipment.
	08	214,617	Install runway lighting; extend apron.
Valley City Barnes County Municipal	01	498,000	Reconstruct runway, taxiway and apron; extend runway and apron; install runway and taxiway lighting; construct access road.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>NORTH DAKOTA (cont'd)</u>			
Wahpeton Breckenridge-Wahpeton Interstate	01	\$ 114,141	Land.
Williston Sloulin Field International	06	383,059	Land.
<u>NORTHERN MARIANA ISLANDS</u>			
Obyan Saipan International	07	1,337,572	Construct and mark taxiways.
	08	316,572	Groove runway.
<u>OHIO</u>			
Akron Akron Canton Regional	08	3,359,902	Land; relocate road; obstruction removal; install fencing.
Akron Akron Municipal	03	162,045	Rehabilitate runway lighting.
Ashtabula Ashtabula County	03	335,000	Construct and mark taxiway; expand apron.
Cincinnati Cincinnati Municipal- Lunken Field	02	265,500	Groove runway; overlay and mark apron.
Cleveland Cleveland Hopkins International	08	6,301,806	Overlay, mark and groove runway; expand and renovate crash/fire/-rescue building install runway lighting; reconstruct apron.
Cleveland Cuyahoga County	05	56,003	Groove runway.
Columbus Ohio State University	03	293,955	Land; construct taxiways; overlay, expand and light apron; widen taxiway; construct service road; overlay taxiways; install beacon.
Columbus Port Columbus International	08	500,000	Expand and reconstruct apron.
Dayton Dayton General (South)	04	990,000	Land; construct, mark and light taxiway; rehabilitate runway lighting; obstruction removal.
Lorain/Elyria Lorain County Regional	05	225,000	Land; relocation assistance; construct run-up pads; acquire snow removal equipment.
Lima Allen County	03	324,000	Overlay and mark runway.



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>OHIO (cont'd)</u>			
Mansfield Mansfield Lahm Municipal	05	\$ 619,704	Overlay and mark taxiways.
Portsmouth Greater Portsmouth Regional	04	128,340	Construct taxiways.
Toledo Toledo Express	09	1,257,971	Groove runway; overlay and mark portions of runway and taxiway.
Youngstown Youngstown Municipal	09	1,129,858	Groove runway; rehabilitate and mark taxiway; overlay and mark taxiways; install security fencing; rehabilitate taxiway lighting; modify lighting controls.
<u>OKLAHOMA</u>			
Ardmore Ardmore Municipal	03	80,000	Install runway lighting.
Chickasha Chickasha Municipal	03	92,800	Construct apron; install runway lighting.
	04	79,601	Land.
El Reno Mustang Field	05	141,990	Strengthen portion of runway.
Enid Woodring Municipal	07	92,003	Install taxiway and apron lighting.
Lawton Lawton Municipal	10	232,195	Acquire crash/fire/rescue vehicle; install lighted wind cone; grade access road; expand terminal apron; install security gate.
Muskogee Davis Field	04	76,400	Install runway lighting.
McAlester McAlester Municipal	05	147,922	Reconstruct and mark portion of taxiway.
Oklahoma City Will Rogers World	15	6,700,000	Reconstruct and overlay portion of terminal apron.
Oklahoma City Clarence E. Page	04	500,000	Construct, mark and light runway and taxiway (Phase I).
Okmulgee Okmulgee	04	72,000	Land.
Perry Perry Municipal	04	45,760	Install runway lighting.
Seminole Seminole Municipal	02	34,400	Install runway lighting.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>OKLAHOMA (cont'd)</u>			
Stillwater Stillwater Municipal	05	\$ 112,000	Land (Phase II).
	07	90,000	Land (Phase III).
Talequah Talequah Municipal	01	103,575	Overlay runway.
Tulsa Tulsa International	17	1,534,501	Land; reconstruct access roads (Phase II).
	18	2,000,000	Land.
Vinita Vinita Municipal	02	48,503	Reconstruct taxiway.
<u>OREGON</u>			
Eugene Mahlon Sweet Field	06	635,490	Construct crash/fire/rescue building; install security lighting; expand apron.
Florence Florence Municipal	01	75,186	Land; obstruction removal.
Klamath Falls Kingsley Field	04	360,824	Install security fencing; install apron lighting; reconstruct and mark taxiway; construct and mark taxiway and access road.
McMinnville McMinnville Municipal	04	110,286	Grade ILS site; friction seal and mark runway.
Newport Newport Municipal	01	300,000	Land; obstruction removal; install runway lighting; acquire crash/-fire/rescue equipment; rehabilitate and mark runway.
Ontario Ontario Municipal	01	516,386	Reconstruct, mark and light runway; construct and mark taxiway and access road.
Pendleton Pendleton Municipal	07	697,031	Install safety fencing; construct and mark taxiways; strengthen and mark portion of runway; construct apron and taxiways; reconstruct taxiways.
Portland Portland International	18	2,048,639	Land; relocation assistance; construct entrance road (Phase I); acquire crash/fire/rescue vehicle.
Prineville Prineville	01	509,302	Construct, mark and light runway; construct and mark taxiway; obstruction removal.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>OREGON (cont'd)</u>			
Salem McNary Field	08	\$ 144,854	Construct, mark and light taxiway; construct aprons; reconstruct taxiway.
Troutdale Portland-Troutdale	04	175,500	Construct airport access road.
<u>PENNSYLVANIA</u>			
Allentown Allentown-Bethlehem-Easton	12	547,691	Construct terminal.
	13	187,380	Land; install taxiway signs.
	14	198,720	Land.
Allentown Allentown Queen City Municipal	03	76,522	Rehabilitate runway lighting; drainage improvements.
Altoona Altoona-Blair County	05	445,500	Construct, mark and light taxiway; construct and light apron; land.
Beaver Beaver County	03	294,457	Construct, mark and light apron; construct taxiway; lighting improvements.
Butler Butler-Graham	05	307,350	Land.
Coatesville Chester County	03	534,330	Rehabilitate and extend apron; construct and light taxiway; drainage improvements.
Connellsville Connellsville	03	188,370	Overlay and mark taxiways and apron.
DuBois DuBois-Jefferson County	07	235,000	Pave taxiway; install runway and taxiway lighting; modify lighting controls.
Erie Erie International	10	301,950	Expand and improve terminal.
	11	208,068	Land; install taxiway signs and obstruction lighting; install perimeter fence.
Harrisburg Harrisburg International	07	781,020	Construct crash/fire/rescue and snow removal equipment storage building.
	09	1,741,116	Relocate buildings; construct power center; install taxiway signs.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>PENNSYLVANIA (cont'd)</u>			
	10	\$ 370,285	Construct airport terminal access road.
Hazleton Hazleton Municipal	02	166,500	Overlay terminal apron, taxiway and aircraft parking area.
	03	63,900	Purchase snow removal equipment.
Lancaster Lancaster	03	11,160	Remark runway.
Latrobe Westmoreland County	07	684,000	Overlay and mark runway.
Lock Haven William T. Piper Memorial	03	206,100	Overlay and mark runway; land; install VASI-2.
Mt. Pocono Pocono Mountains Municipal	02	45,000	Acquire snow removal equipment.
New Castle New Castle Municipal	01	73,350	Install taxiway lighting; install VASI-2.
Philadelphia Philadelphia International	25	3,150,075	Rehabilitate runway and taxiways; install runway and taxiway lights; groove and mark runway.
	26	2,390,593	Construct runway safety area; obstruction removal.
Pittsburgh Allegheny County	04	588,669	Reconstruct runway; overlay apron.
Pittsburgh Greater Pittsburgh	18	143,658	Install safety fencing.
	19	585,000	Construct runway safety areas.
	20	1,015,655	Construct, mark and light taxiway.
	21	1,760,000	Land; relocation assistance.
Quakertown Quakertown	01	321,300	Land; install runway lighting; obstruction removal.
Selingsgrove Penn Valley	02	225,720	Land; install runway lighting; install VASI-2 and REILs.
St. Marys St. Marys Municipal	02	382,140	Land; obstruction removal.
Wilkes-Barre Wilkes-Barre/Scranton International	08	1,408,478	Acquire snow removal equipment; construct taxiway and service road; widen taxiways; expand apron.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>PENNSYLVANIA (cont'd)</u>			
	10	\$ 623,480	Modify terminal building.
	11	162,495	Construct runway safety area.
	12	796,000	Land; relocation assistance.
Williamsport Williamsport-Lycoming County	06	210,390	Modify runway lighting; overlay taxiways and apron; construct runway safety area.
<u>PUERTO RICO</u>			
Fajardo Fajardo	02	360,000	Land.
San Juan Puerto Rico International	12	508,698	Expand and light apron.
<u>RHODE ISLAND</u>			
Providence T.F. Green State	06	521,100	Expand apron and taxiway; install surface condition sensors.
Smithfield North Central State	02	252,000	Expand, mark and light apron.
<u>SOUTH CAROLINA</u>			
Barnwell Barnwell County	02	303,604	Reconstruct, strengthen and mark runway and taxiway.
Beaufort Beaufort County	02	403,566	Pave, mark and light runway; construct and light taxiway lighting improvements.
Charleston Charleston International	03	6,132,033	Site preparation for terminal apron, taxiways and entrance road.
Cheraw Cheraw Municipal	01	123,750	Strengthen runway, apron and taxiway.
Columbia Columbia Metropolitan	09	206,387	Groove runway and high speed exit taxiways; modify terminal building.
Florence Florence City-County	08	43,650	Lighting improvements; modify security fencing.
Greenville Greenville Downtown	04	122,531	Land; relocate road.
Greer Greenville-Spartanburg	08	143,838	Strengthen access road; construct service road.
	09	115,200	Construct access road.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>SOUTH CAROLINA (cont'd)</u>			
Myrtle Beach Myrtle Beach Air Force Base	02	\$ 240,000	Expand and rehabilitate apron; strengthen stub taxiway; relocate utilities.
Spartanburg Spartanburg Downtown Memorial	02	41,555	Install safety fencing; install runway threshold lights.
	03	137,673	Strengthen taxiways and apron.
Sumter Sumter Municipal	02	286,200	Rehabilitate, strengthen and mark runway, taxiway and apron.
Walterboro Walterboro Municipal	02	22,923	Clear approach and transition areas.
<u>SOUTH DAKOTA</u>			
Aberdeen Aberdeen Regional	10	203,928	Acquire crash/fire/rescue vehicle.
Buffalo Harding County	01	142,223	Land; construct runway, taxiway and apron.
Chamberlain Chamberlain Municipal	02	319,500	Construct and mark runway, taxiways, apron and access road; install perimeter fencing.
Huron Huron Regional	07	144,854	Construct and strengthen taxiways and access road; modify security fencing.
Mitchell Mitchell Municipal	07	144,854	Resurface access road; pave service road.
Murdo Murdo Municipal	02	208,800	Rehabilitate and mark runway, taxiway and apron; expand apron.
Rapid City Rapid City Regional	09	276,930	Install security fencing; reconstruct apron; install taxiway signs; modify taxiway lighting and controls; acquire snow removal equipment; mark taxiways.
Sioux Falls Joe Foss Field	12	25,056	Modify and upgrade airport security facilities.
Watertown Watertown Municipal	10	216,318	Acquire crash/fire/rescue vehicle.
<u>TENNESSEE</u>			
Bristol Tri-City Airport	09	142,290	Land; relocation assistance.
Clarksville Outlaw Field	07	144,854	Expand apron; obstruction removal.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TENNESSEE (cont'd)</u>			
Chattanooga Lovell Field	10	\$ 688,767	Install security fencing; construct access road; modify terminal building; acquire security equipment.
Greeneville Greeneville Municipal	01	194,347	Land; relocation assistance.
Knoxville Knoxville Downtown Island	02	269,366	Overlay and mark runway; construct apron; modify security fencing; relocate fuel facility; overlay fuel apron.
Knoxville McGhee Tyson	11	21,574	Install communications system.
	12	848,985	Terminal building debt retirement.
	13	1,149,521	Construct crash/fire/rescue building; acquire crash/fire/rescue equipment; relocate utilities.
Memphis Memphis International	12	1,360,695	Pave, mark and light taxiways; groove and mark runways.
Nashville Nashville Metropolitan	14	1,108,799	Strengthen and mark taxiways; install taxiway and apron lighting; install taxiway signs; acquire security equipment.
	15	465,784	Land; relocation assistance; obstruction removal.
	16	1,650,000	Land; relocation assistance; obstruction removal.
Trenton Gibson County	02	248,400	Strengthen and mark runway, taxiway and apron.
Union City	02	290,908	Strengthen and mark runway.
<u>TEXAS</u>			
Addison Addison Municipal	04	500,000	Land; construct and mark taxiway.
Alice Alice International	02	126,000	Reconstruct apron, expand apron.
Armarillo Armarillo International	09	870,379	Land; construct, mark and light taxiway and apron (Phase II).
Arlington Arlington Municipal	04	55,000	Construct holding apron.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TEXAS (cont'd)</u>			
Austin Robert Mueller Municipal	11	\$ 270,000	Construct service road; install security fence; reconstruct aprons.
	12	1,123,273	Reconstruct and overlay apron; extend, mark and light runway and taxiways; site preparation for new cargo center.
Beaumont Jefferson County	07	896,593	Overlay, widen, mark and light taxiway; construct, mark and light taxiways.
Borger Hutchinson County	01	513,000	Extend, mark and light runway; construct turnaround; install fencing.
Bridgeport Bridgeport Municipal	01	135,450	Land; construct and mark taxiways.
Brownsville Brownsville International	09	418,046	Land; drainage improvements; install security fencing; lighting improvements.
Canadian Hemphill County	01	295,000	Extend, widen, overlay, mark and light runway; relocate powerlines; install perimeter fence.
Cleburne Cleburne Municipal	02	492,000	Land; site preparation for runway and taxiways.
Corpus Christi Corpus Christi International	09	413,780	Reconstruct and expand roads.
	10	127,932	Land.
	11	601,000	Rehabilitate and expand terminal building.
Corsicana Corsicana Municipal	02	241,272	Extend and mark runway and taxiway; install runway lighting.
Crowell Foard County	02	41,600	Land; extend runway; reconstruct and mark runway, taxiways and aprons; install runway lighting.
Dallas-Fort Worth Dallas-Fort Worth Regional	20	2,644,457	Land.
	21	3,687,644	Extend, mark and light apron; construct, mark, sign and light access roads.
Dallas Dallas Love Field	01	1,377,372	Reconstruct taxiways; overlay runway; install taxiway signs; rehabilitate taxiway lighting; reconstruct apron.



## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TEXAS con't</u>			
	02	\$ 210,000	Acquire crash/fire/rescue vehicle.
El Paso El Paso International	07	675,992	Install runway and taxiway lighting; install taxiway signs; rehabilitate taxiway lighting.
	08	568,888	Modify terminal building; acquire security equipment; rehabilitate crash/fire/rescue vehicle; expand terminal building (Phase I).
Fort Worth Meacham Field	04	434,700	Land; extend, mark and light runway and taxiway.
	05	361,800	Extend, mark and light taxiway.
Gainesville Gainesville	01	350,000	Overlay, mark and light runway and taxiway; drainage and lighting improvements.
Graford Possum Kingdom Lake	01	272,800	Construct and mark runway and taxiway; construct apron; install fencing.
Granbury Granbury Municipal	01	345,357	Land; reconstruct, extend, mark and light runway; reconstruct taxiway and apron; expand apron; relocate powerlines.
Grand Prairie Grand Prairie Municipal	03	121,000	Expand apron; install fencing.
Harlingen Harlingen Industrial Airpark	12	994,038	Overlay and mark runway and taxiways.
Henderson Rusk County	02	249,000	Land; extend, mark and light runway; expand apron.
Houston Houston Intercontinental	14	4,873,013	Modify access road interchange.
	15	600,000	Acquire crash/fire/rescue vehicles.
Houston William P. Hobby	07	600,000	Extend runway safety area.
	08	300,000	Approach clearing; relocate threshold and navigational aids.
Junction Kimble County	01	270,000	Land; site preparation for runway extension and apron expansion; relocate utilities; install fencing.
Kerrville Kerrville Municipal	05	229,000	Land; expand apron; install fencing.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TEXAS (cont'd)</u>			
Kountze Hardin County	03	\$ 130,000	Construct and mark taxiway; expand apron.
Longview Gregg County	08	950,000	Reconstruct, overlay and mark runway.
Lubbock Lubbock International	14	1,025,813	Construct and improve service and access roads; lighting improvements.
	15	329,616	Land.
Marshall Harrison County	01	156,000	Reconstruct and mark taxiway.
McAllen Miller International	08	525,375	Extend, mark and light runway and taxiway.
Midland Midland Airpark	02	204,020	Land.
	03	291,553	Reconstruct and mark runway and taxiway.
Midland Midland Regional	15	652,257	Construct taxiway; install fencing; construct apron; construct access road.
	16	67,500	Acquire crash/fire/rescue vehicle.
Pecos City Pecos Municipal	02	111,535	Rehabilitate, mark and light runway and taxiways.
San Angelo Mathis Field	09	332,030	Reconstruct, strengthen, groove and mark runway.
San Antonio San Antonio International	11	2,040,272	Overlay, extend and light runway; construct and light taxiways.
Tulia Tulia/Swisher County Municipal	02	122,400	Overlay and mark runway, apron, taxiway and turnarounds; con- struct access road.
Wichita Falls Sheppard AFB/Wichita Falls Municipal	06	100,000	Rehabilitate portion terminal apron; install security gates.
	07	104,000	Refurnish portions of terminal building.
	08	783,800	Expand taxiway and apron; recon- struct and widen access road; reconstruct, overlay and mark runway.

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>TRUST TERRITORY OF THE PACIFIC ISLANDS</u>			
Yap Island Yap	01	\$2,466,820	Construct runway safety area.
<u>UTAH</u>			
Blanding Blanding Municipal	02	85,000	Land.
Cedar City Cedar City Municipal	06	144,854	Land.
Moab Canyonlands Field	03	336,032	Rehabilitate and mark runway.
Ogden Ogden Municipal	04	45,470	Install taxiway lighting.
Provo Provo Municipal	06	58,165	Site preparation for glide slope and localizer; relocate VASI-2; mark runway; modify lighting control; install fencing.
Richfield Richfield Municipal	04	99,546	Land; relocation assistance.
Salt Lake City Salt Lake City International	12	2,011,446	Construct access roads.
Spanish Fork Spanish Fork-Springfield	01	116,831	Land; relocation assistance.
St. George St. George Municipal	04	154,771	Rehabilitate and expand apron; construct and mark apron; relocate taxiway lights and tie-downs; install fencing.
Vernal Vernal	06	424,854	Construct access road; construct mark and light apron and taxiway; install fencing.
<u>VERMONT</u>			
Bennington Bennington State	04	446,823	Extend, widen, overlay and mark runway; relocate runway lighting and VASI; pave access road; land.
Burlington Burlington International	11	655,650	Reconstruct taxiways and apron; construct apron; rehabilitate runway lighting.
Lyndonville Caledonia County State	01	141,885	Reconstruct and mark runway.
Montpelier Edward F. Knapp State	06	293,166	Reconstruct runway; improve safety area.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>VIRGINIA</u>			
Abingdon Virginia Highlands	01	\$ 119,835	Land; install hazard beacons; remove obstructions.
Charlottesville Charlottesville-Albemarle	09	30,000	Rehabilitate taxiway lighting.
Danville Danville Municipal	05	398,558	Overlay, mark and light runway.
Emporia Emporia Municipal	03	250,000	Overlay and mark runway.
Hot Springs Ingalls Field	07	80,219	Acquire automated weather reporting system; install VASIs.
Lynchburg Lynchburg Municipal	07	344,160	Construct apron and taxiway; overlay taxiway; construct access road.
	08	148,703	Construct access road; construct taxiways; install taxiway lights.
Manassas Manassas Municipal	07	500,000	Construct apron and taxiway.
Martinsville Blue Ridge	03	40,500	Acquire automated weather reporting system.
Newport News Patrick Henry International	09	527,200	Relocate and reconstruct taxiway; rehabilitate access road.
	10	89,513	Land.
Norfolk Norfolk International	13	3,464,118	Extend, mark and light runway and runway safety area.
Petersburg Petersburg Municipal	03	297,052	Reconstruct apron and runway.
Richmond Richard E. Byrd International	10	796,576	Construct crash/fire/rescue building.
	11	129,173	Obstruction removal.
	12	316,181	Extend and light terminal apron.
	13	145,254	Acquire snow removal equipment.
	14	367,004	Construct runway friction course.
	15	626,034	Land; obstruction removal.
Roanoke Roanoke Municipal	11	221,724	Construct apron; overlay taxiway.
	12	450,000	Land; relocation assistance.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

## PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>VIRGINIA (cont'd)</u>			
South Boston William M. Tuck	01	\$ 150,000	Land; relocation assistance; obstruction removal.
Winchester Winchester Municipal	06	32,850	Acquire automated weather reporting system.
Wise Lonesome Pine	03	36,000	Acquire automated weather reporting system.
<u>VIRGIN ISLANDS</u>			
St. Croix Alexander Hamilton	08	972,472	Expand and remodel terminal building; expand terminal apron; construct and light access road.
<u>WASHINGTON</u>			
Bellingham Bellingham International	04	478,125	Construct crash/fire/rescue equipment building; acquire crash/fire/rescue vehicle; construct, mark and light taxiways; install perimeter fencing.
Bremerton Kitsap County	07	165,000	Construct and mark taxiway.
Electric City Grand Coulee Dam	02	475,500	Extend, widen and mark runway; rehabilitate and mark runway, taxiway and apron; construct and mark access road; expand apron; install perimeter fencing.
Everett Snohomish County/Paine Field	08	394,000	Construct and light apron; install safety fencing.
Olympia Olympia	07	790,000	Reconstruct and mark runway and taxiways; construct aprons.
Port Angeles William F. Fairchild	04	975,000	Strengthen and mark runway, taxiways and aprons; install porous friction course; construct apron.
	05	95,000	Obstruction removal.
Richland Richland	04	75,000	Acquire crash/fire/rescue vehicle; construct crash/fire/rescue equipment building.
Seattle Seattle-Tacoma International	18	6,102,370	Land; relocation assistance.
	19	2,189,113	Reconstruct taxiway; expand apron.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>WASHINGTON (cont'd)</u>			
Spokane Spokane International	12	\$ 161,000	Site preparation for glide slope.
Sunnyside Sunnyside Municipal	02	60,000	Land.
Walla Walla City-County	02	153,720	Acquire snow removal equipment; rehabilitate apron; mark runway.
Yakima Yakima Air Terminal	06	153,000	Acquire snow removal equipment; install fencing.
<u>WEST VIRGINIA</u>			
Beckley Raleigh County Memorial	06	72,000	Install runway lighting.
Bluefield Mercer County	05	24,165	Acquire snow removal equipment.
	06	245,160	Groove and mark runway; install runway and taxiway lighting.
Charleston Kanawha	10	147,936	Acquire snow removal equipment; rehabilitate taxiways; install runway condition surveillance system.
Clarksburg Benedum	07	173,836	Mark taxiways and helipad; grade glide slope; install perimeter fencing; install fire alarm system; improve access road.
Huntington Tri-State/Walker-Long Field	07	420,122	Replace rotating beacon; acquire security equipment; install taxiway signs; remodel terminal; construct snow removal equipment building; acquire snow removal equipment.
Lewisburg Greenbrier Valley	07	1,107,000	Land; extend, groove, light and mark runway and taxiway; relocate navigational aids.
Martinsburg Eastern WV Regional	04	121,500	Reconstruct apron and taxiways.
Morgantown Morgantown Municipal	06	374,513	Expand terminal apron; acquire snow removal equipment; strengthen taxiways.
Moundsville Marshall County	02	281,700	Repair runway landslide.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>WEST VIRGINIA (cont'd)</u>			
Parkersburg Wood County	06	\$ 151,512	Relocate runway thresholds; install taxiway lighting; replace airport beacon.
Wheeling Wheeling-Ohio County	04	81,814	Overlay apron.
<u>WISCONSIN</u>			
Appleton Outagamie County	03	1,026,292	Acquire crash/fire/rescue vehicle; expand aprons; lighting modifications; install fencing.
Green Bay Austin Straubel Field	09	1,116,478	Install sanitary sewer; install safety fencing; construct snow removal equipment storage building; construct and mark taxiways; obstruction removal; reconstruct and widen taxiways.
Kenosha Kenosha Municipal	03	145,800	Land.
Madison Dane County Regional	09	506,700	Overlay and mark taxiways.
	10	648,659	Land; reconstruct and mark runway and taxiway; acquire snow removal equipment.
Marshfield Marshfield Municipal	04	295,000	Reconstruct and mark runway and taxiway.
Merrill Merrill Municipal	02	656,559	Land; construct, mark and light runway; install runway and taxiway lighting; obstruction removal.
Milwaukee General Mitchell Field	12	983,680	Modify runway and taxiway lighting; site preparation for air cargo area; construct, mark and light taxiway; construct and light access road.
Minocqua-Woodruff Lakeland	02	350,938	Overlay and mark runways and taxiways.
Mosinee Central Wisconsin	07	703,321	Land; construct crash/fire/rescue and snow removal equipment building; construct sand storage building; obstruction removal; acquire snow removal equipment.

## APPENDIX E

## AIRPORTS GRANT-IN-AID PROGRAM

PROJECTS PLACED UNDER GRANT AGREEMENT - FISCAL YEAR 1980

Location and name of airport	Proj. no.	Federal funds	Description of work
<u>WYOMING</u>			
Cheyenne Cheyenne Municipal	05	\$ 631,398	Extend mark and light taxiway; reconstruct aprons; relocate security fencing.
Cody Cody Municipal	05	187,609	Install taxiway and apron lighting; install REILS and VASI-4.
Douglas Converse County	01	238,746	Land; relocation assistance.
Gillette Gillette-Campbell	05	847,000	Extend, mark and light runway; relocate road.
Powell Powell Municipal	03	450,000	Overlay, light and mark runway and taxiway.
Riverton Riverton Regional	06	300,793	Land; glide slope grading; install lighting control; construct apron and taxiway; relocate telephone cable.
Rock Springs Rock Springs-Sweetwater County	08	382,500	Construct runway porous friction course.
Worland Worland Municipal	07	198,252	Expand apron; modify snow removal equipment building; construct taxiways; acquire security equipment.



# APPENDIX F

RIS AP 5100-29

## AIRPORT DEVELOPMENT AID PROGRAM-AIR CARRIER STATUS AS OF 30 SEPTEMBER 1980

STATE ***TOTAL 1971-DATE***		THRU CURRENT FY			ADVANCED			UNDULGATED PROJECTS			STATUS OF GRANT AGREEMENTS			PROJECTS COMPLETED			FINANCIALLY COMPLETED		
OR	TOT. ARPT	TOTAL PROJ	FEDERAL FUNDS	NO. PROJ	NOT STARTED			UNDERWAY			PROJECTS COMPLETED			FINANCIALLY COMPLETED					
					FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ			
ALA	11	69	43,350,900	--	--	--	11	10,568,304	7	8,585,682	7	9,236,110	44	14,960,804					
AL	71	141	173,937,762	--	--	--	13	15,058,313	31	59,478,861	27	30,148,279	70	69,252,309					
ARIZ	14	65	68,833,649	--	--	--	8	8,935,328	12	26,242,691	11	13,109,045	34	20,546,585					
ARK	10	74	24,911,070	--	--	--	3	792,942	13	6,346,313	3	959,587	55	16,812,228					
CAL	49	268	286,256,757	--	--	--	28	29,413,653	65	146,635,575	50	68,687,037	125	41,521,122					
COLOR	16	81	89,141,069	--	--	--	6	2,811,207	25	41,561,310	5	7,677,474	45	37,091,078					
CONN	5	36	17,553,847	--	--	--	8	7,588,548	7	2,294,952	7	4,536,313	14	3,134,034					
DEL	1	9	3,952,379	--	--	--	1	164,300	1	1,299,600	--	--	7	2,488,479					
FLA	29	167	183,754,227	--	--	--	25	38,922,359	35	76,261,536	37	43,151,395	70	25,418,937					
GA	12	73	123,719,539	--	--	--	8	7,703,505	23	63,260,830	10	21,423,453	32	31,331,351					
HAW	8	46	98,372,200	--	--	--	--	7	16,792,670	7	20,853,250	10	20,571,484	22	40,154,796				
IDA	9	51	21,878,459	--	--	--	--	2	796,800	7	3,605,580	7	5,573,133	35	11,902,946				
ILL	25	119	139,715,279	--	--	--	--	13	25,424,826	46	71,275,552	17	21,970,157	43	21,044,744				
IND	13	61	59,699,370	--	--	--	--	11	11,252,483	27	34,704,358	3	2,541,033	20	11,662,476				
IOWA	13	59	34,410,144	--	--	--	--	8	4,969,449	11	9,424,710	9	6,133,821	31	13,882,164				
KANS	16	61	36,784,519	--	--	--	--	7	3,567,924	12	19,725,475	7	3,392,036	35	10,999,080				
KY	2	64	44,881,693	--	--	--	--	5	5,516,471	11	14,005,106	8	5,775,714	41	19,584,402				
LA	10	93	84,397,353	--	--	--	--	12	9,348,535	32	37,610,168	10	11,321,027	39	26,117,623				
ME	8	67	19,782,381	--	--	--	--	11	4,999,191	15	5,697,182	7	3,418,869	34	5,666,939				
MD	5	30	29,414,531	--	--	--	--	6	7,474,557	8	10,206,836	4	4,304,277	12	7,428,861				
MASS	11	77	40,027,788	--	--	--	--	11	6,371,300	15	10,952,050	11	8,066,430	40	14,638,008				
MICH	24	127	113,262,649	--	--	--	--	18	11,975,124	35	40,788,901	33	38,270,667	41	22,227,957				
MINN	16	70	44,557,581	--	--	--	--	6	2,418,135	23	23,673,806	7	4,882,584	34	13,583,056				
MISS	12	70	34,891,319	--	--	--	--	9	3,346,912	13	10,277,013	10	7,733,007	38	13,534,387				
MO	9	66	61,766,095	--	--	--	--	8	13,577,138	11	31,249,601	11	7,501,896	36	9,437,460				
MONT	15	90	38,908,098	--	--	--	--	--	--	19	10,575,207	6	5,179,737	65	23,149,154				
NEB	14	86	42,410,309	--	--	--	--	8	1,430,201	6	10,920,877	20	12,030,540	50	18,028,691				
NEV	4	31	47,291,257	--	--	--	--	3	6,450,154	10	21,199,886	4	10,210,271	14	9,430,946				
NH	4	29	6,388,216	--	--	--	--	7	954,920	11	4,301,180	--	--	11	1,132,136				
NJ	7	63	53,164,680	--	--	--	--	10	7,411,965	8	2,457,247	9	10,127,374	36	33,168,094				
NMEX	11	86	22,103,190	--	--	--	--	8	4,230,085	4	393,245	20	7,640,338	54	9,839,522				
NY	24	204	162,581,593	--	--	--	--	22	17,286,211	42	50,131,508	42	41,768,540	98	53,395,334				
NC	13	90	78,737,130	--	--	--	--	5	1,349,524	29	38,422,112	29	27,123,966	27	11,641,528				
ND	7	46	25,582,743	--	--	--	--	2	895,431	10	8,720,655	8	6,513,144	26	9,437,460				
ORIG	14	61	73,063,422	--	--	--	--	5	15,529,063	21	36,713,305	13	7,837,635	22	12,983,919				
OKLA	13	84	59,970,355	--	--	--	--	4	7,187,292	11	11,247,407	15	17,553,300	54	23,982,356				
OREG	11	63	54,795,229	--	--	--	--	4	3,329,805	14	13,622,450	8	6,796,502	37	31,046,472				

APPENDIX F

AIRPORT DEVELOPMENT AID PROGRAM-AIR CARRIER										
STATUS AS OF 30 SEPTEMBER 1980										
STATUS OF GRANT AGREEMENTS										
RIS AP 5100-29										
STATE	TOTAL	1971-DATE	THRU	CURRENT	FY	ADVANCED	NOT STARTED	PROJECTS UNDERWAY	COMPLETED	
DR	TOT. TOTAL	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	
TERR APRT	PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	FEDERAL FUNDS	NO. PROJ	
PA	22	149	130,540,513	--	--	--	21	11,345,563	18	37,876,259
RI	4	9	0,208,117	--	--	--	1	521,100	5	4,601,695
SC	8	34	30,657,307	--	--	--	4	6,559,521	6	5,075,755
SORT	9	71	27,085,108	--	--	--	4	663,158	11	4,374,792
TENN	11	80	65,846,228	--	--	--	7	6,056,710	11	12,983,702
TEX	35	239	231,120,814	--	--	--	31	35,078,616	46	42,237,513
UTAH	5	28	35,871,767	--	--	--	4	968,989	12	28,692,662
VT	4	22	5,629,624	--	--	--	3	1,232,316	5	2,481,916
VA	12	90	50,552,385	--	--	--	10	5,872,272	30	25,135,118
WASH	17	85	72,126,586	--	--	--	5	6,586,370	20	31,441,374
MVA	9	58	35,023,628	--	--	--	5	1,263,307	6	3,233,015
MIS	14	75	61,823,915	--	--	--	--	--	25	27,509,428
MD	10	50	27,598,037	--	--	--	6	1,906,820	8	6,952,212
AS	1	9	6,144,389	--	--	--	2	364,129	2	246,139
GUAM	1	9	11,201,086	--	--	--	--	--	2	3,172,918
PR	3	18	20,239,165	--	--	--	5	10,322,055	2	2,117,064
TT	6	19	19,266,836	--	--	--	3	4,120,964	5	11,162,441
VGIS	2	15	46,650,107	--	--	--	1	972,472	6	42,752,777
TOTALS	4038	3,430,450,394	--	--	--	--	435	409,679,387	903	1,276,118,797
712	712	712	712	712	712	712	712	712	712	712
TOTALS	4038	3,430,450,394	--	--	--	--	435	409,679,387	903	1,276,118,797
661	661	661	661	661	661	661	661	661	661	661
2039	2039	2039	2039	2039	2039	2039	2039	2039	2039	2039
641,546,958	641,546,958	641,546,958	641,546,958	641,546,958	641,546,958	641,546,958	641,546,958	641,546,958	641,546,958	641,546,958
1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252	1,103,105,252

115

# APPENDIX G

AIRPORT DEVELOPMENT AID PROGRAM-GENERAL AVIATION									
STATUS AS OF 30 SEPTEMBER 1980									
RIS AP 5100-28									
STATE									
THRU CURRENT FY									
ADVANCED									
NOT STARTED									
PROJECTS									
UNDERWAY									
PROJECTS									
COMPLETED									
PROJECTS									
COMPLETED									
FINANCIALLY									
COMPLETED									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									
FEDERAL FUNDS									

**DAT**  
**ILM**